

# **Natural Gas Monthly**

## **October 2003**

**Energy Information Administration**  
Office of Oil and Gas  
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Washington, DC 20585

## Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
<b>Publications</b>		
<i>Weekly Natural Gas Storage Report</i>	HTML	Weekly natural gas stocks and implied net changes by three regions and U.S. total
<i>Natural Gas Weekly Update</i>	HTML	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF	Annual supply, disposition, and price data
<i>Historical Natural Gas Annual</i>	PDF	Historical annual supply, disposition, and price data from 1930 - 2000
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<b><u>Databases</u></b>		
Monthly Data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	TXT	Tables from the <i>Natural Gas Annual</i>
Historical Annual Data	TXT	Tables from the <i>Historical Natural Gas Annual</i>
<b><u>Applications</u></b>		
EIA-176 Query System	EXE	Company filings of the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

# Preface

The *Natural Gas Monthly* (NGM) is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the NGM may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The NGM highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the NGM features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the NGM is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

## Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand cubic feet
Bcf	Billion cubic feet	MMBtu	Million British thermal units
Btu	British thermal unit	MMcf	Million cubic feet
DOE	U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
EIA	Energy Information Administration, U.S. Department of Energy	OCS	Outer Continental Shelf
FERC	Federal Energy Regulatory Commission	STIFS	Short-Term Integrated Forecasting System
IOGCC	Interstate Oil and Gas Compact Commission	STEO	Short-Term Energy Outlook
LNG	Liquefied natural gas	Tcf	Trillion cubic feet

# Contents

<b>Highlights</b> .....	1
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## Appendices

A. Explanatory Notes.....	71
B. Data Sources .....	77
C. Statistical Considerations .....	81
D. Technical Contacts.....	87

<b>Glossary</b> .....	89
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## Tables

1. Summary of Natural Gas Production in the United States, 1997-2003 .....	3
2. Supply and Disposition of Dry Natural Gas in the United States, 1997-2003.....	4
3. Natural Gas Consumption in the United States, 1997-2003.....	6
4. Selected National Average Natural Gas Prices, 1997-2003 .....	8
5. U.S. Natural Gas Imports and Exports, 2001-2003.....	10
6. Summary of U.S. Natural Gas Imports and Exports, 1997-2001 .....	14
7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1997-2003 .....	15
8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, June 2003.....	18
9. Underground Natural Gas Storage - All Operators, 1997-2003 .....	19
10. Underground Natural Gas Storage - by Season, 2001-2003.....	21
11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1997-2003 .....	22
12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1997-2003.....	23
13. Net Withdrawals from Underground Storage, by State, 2001-2003 .....	24
14. Activities of Underground Natural Gas Storage Operators, by State, August 2003 .....	28
15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003 .....	29
16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003.....	33

17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003.....	37
18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003.....	41
19. Natural Gas Deliveries to All Consumers, by State, 2001-2003.....	45
20. Average City Gate Price, by State, 2001-2003 .....	49
21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2001-2003 .....	52
22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2001-2003 .....	55
23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2001-2003.....	58
24. Average Price of Natural Gas Sold to Electric Utility Consumers, by State, 2001-2003 .....	61
25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003.....	64
A1. Methodology for Reporting Initial Monthly Natural Gas Supply and Disposition Data .....	71
C1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, July 2003.....	86

## Figures

1. Production, Consumption and Net Imports of Natural Gas in the United States, 2001-2003 .....	5
2. Natural Gas Deliveries to Consumers in the United States, 2001-2003.....	7
3. Average Consumer Price of Natural Gas in the United States, 2001-2003 .....	9
4. Average Price of Natural Gas in the United States, 2000-2003.....	9
5. Working Gas in Underground Natural Gas Storage in the United States, 2000-2003.....	20
6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2001-2003.....	70

# Highlights

This issue of the *Natural Gas Monthly* (NGM) contains estimates of natural gas data through July 2003 for many data series at the national level. National-level natural gas prices are available through July 2003. State-level data generally are available through July 2003, although underground storage data are available through August 2003.

Recent analyses of the natural gas industry are available on the EIA web site, [www.eia.doe.gov](http://www.eia.doe.gov), under "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly. These reports are:

- *Weekly Natural Gas Storage Report* — a weekly report containing estimates of natural gas in underground storage for the United States and three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, contains estimates of storage for the current and prior

week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Survey," and the estimation methodology.

- *Natural Gas Weekly Update* — a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.
- *Short-Term Energy Outlook* — projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

**Table 1. Summary of Natural Gas Production in the United States, 1997-2003**

(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed <sup>a</sup>	Vented and Flared	Marketed Production (Wet)	Extraction Loss <sup>b</sup>	Dry Gas Production <sup>c</sup>
<b>1997 Total</b> .....	<b>24,213</b>	<b>3,492</b>	<b>599</b>	<b>256</b>	<b>19,866</b>	<b>964</b>	<b>18,902</b>
<b>1998 Total</b> .....	<b>24,108</b>	<b>3,427</b>	<b>617</b>	<b>103</b>	<b>19,961</b>	<b>938</b>	<b>19,024</b>
<b>1999 Total</b> .....	<b>23,823</b>	<b>3,293</b>	<b>615</b>	<b>110</b>	<b>19,805</b>	<b>973</b>	<b>18,832</b>
<b>2000 Total</b> .....	<b>24,174</b>	<b>3,380</b>	<b>505</b>	<b>91</b>	<b>20,198</b>	<b>1,016</b>	<b>19,182</b>
<b>2001</b>							
January .....	2,101	289	39	7	1,766	82	1,685
February .....	1,912	277	38	8	1,588	73	1,515
March .....	2,139	294	42	7	1,797	83	1,714
April .....	2,023	271	39	8	1,705	79	1,626
May .....	2,061	253	39	7	1,762	81	1,681
June .....	2,003	258	35	6	1,703	79	1,624
July .....	2,035	253	42	9	1,730	80	1,650
August .....	2,053	264	41	7	1,742	81	1,661
September .....	1,992	267	38	7	1,679	78	1,602
October .....	2,088	288	36	7	1,755	81	1,674
November .....	2,004	285	35	7	1,676	78	1,599
December .....	2,067	297	39	6	1,725	80	1,645
<b>Total</b> .....	<b>24,476</b>	<b>3,296</b>	<b>464</b>	<b>86</b>	<b>20,630</b>	<b>954</b>	<b>19,676</b>
<b>2002</b>							
January .....	<sup>E</sup> 2,066	<sup>E</sup> 325	<sup>E</sup> 35	<sup>E</sup> 7	<sup>E</sup> 1,698	<sup>E</sup> 78	<sup>E</sup> 1,620
February .....	<sup>E</sup> 1,857	<sup>E</sup> 306	<sup>E</sup> 28	<sup>E</sup> 6	<sup>E</sup> 1,517	<sup>E</sup> 70	<sup>E</sup> 1,447
March .....	<sup>E</sup> 2,077	<sup>E</sup> 335	<sup>E</sup> 31	<sup>E</sup> 7	<sup>E</sup> 1,704	<sup>E</sup> 79	<sup>E</sup> 1,625
April .....	<sup>E</sup> 1,985	<sup>E</sup> 314	<sup>E</sup> 30	<sup>E</sup> 7	<sup>E</sup> 1,634	<sup>E</sup> 75	<sup>E</sup> 1,558
May .....	<sup>E</sup> 2,063	<sup>E</sup> 318	<sup>E</sup> 32	<sup>E</sup> 7	<sup>E</sup> 1,706	<sup>E</sup> 79	<sup>E</sup> 1,628
June .....	<sup>E</sup> 2,002	<sup>E</sup> 302	<sup>E</sup> 31	<sup>E</sup> 7	<sup>E</sup> 1,663	<sup>E</sup> 77	<sup>E</sup> 1,586
July .....	<sup>E</sup> 2,040	<sup>E</sup> 280	<sup>E</sup> 32	<sup>E</sup> 7	<sup>E</sup> 1,720	<sup>E</sup> 79	<sup>E</sup> 1,641
August .....	<sup>E</sup> 2,039	<sup>E</sup> 298	<sup>E</sup> 31	<sup>E</sup> 7	<sup>E</sup> 1,702	<sup>E</sup> 79	<sup>E</sup> 1,624
September .....	<sup>E</sup> 1,901	<sup>E</sup> 278	<sup>E</sup> 30	<sup>E</sup> 7	<sup>E</sup> 1,586	<sup>E</sup> 73	<sup>E</sup> 1,513
October .....	<sup>E</sup> 1,985	<sup>E</sup> 317	<sup>E</sup> 32	<sup>E</sup> 7	<sup>E</sup> 1,629	<sup>E</sup> 75	<sup>E</sup> 1,554
November .....	<sup>E</sup> 2,010	<sup>E</sup> 285	<sup>E</sup> 32	<sup>E</sup> 7	<sup>E</sup> 1,685	<sup>E</sup> 78	<sup>E</sup> 1,608
December .....	<sup>E</sup> 2,104	<sup>E</sup> 340	<sup>E</sup> 33	<sup>E</sup> 7	<sup>E</sup> 1,724	<sup>E</sup> 80	<sup>E</sup> 1,644
<b>Total</b> .....	<sup>E</sup> <b>24,130</b>	<sup>E</sup> <b>3,699</b>	<sup>E</sup> <b>378</b>	<sup>E</sup> <b>84</b>	<sup>E</sup> <b>19,969</b>	<sup>E</sup> <b>922</b>	<sup>E</sup> <b>19,047</b>
<b>2003</b>							
January .....	<sup>RE</sup> 2,128	<sup>E</sup> 332	<sup>E</sup> 33	<sup>E</sup> 7	<sup>RE</sup> 1,756	<sup>RE</sup> 81	<sup>RE</sup> 1,675
February .....	<sup>RE</sup> 1,920	<sup>E</sup> 309	<sup>E</sup> 29	<sup>E</sup> 6	<sup>RE</sup> 1,575	<sup>E</sup> 73	<sup>RE</sup> 1,502
March .....	<sup>RE</sup> 2,137	<sup>E</sup> 329	<sup>E</sup> 32	<sup>E</sup> 7	<sup>RE</sup> 1,768	<sup>E</sup> 82	<sup>RE</sup> 1,687
April .....	<sup>RE</sup> 2,021	<sup>RE</sup> 306	<sup>E</sup> 30	<sup>E</sup> 7	<sup>RE</sup> 1,678	<sup>RE</sup> 78	<sup>RE</sup> 1,601
May .....	<sup>RE</sup> 2,066	<sup>E</sup> 301	<sup>E</sup> 30	<sup>E</sup> 7	<sup>RE</sup> 1,728	<sup>E</sup> 80	<sup>RE</sup> 1,648
June .....	<sup>RE</sup> 1,997	<sup>RE</sup> 296	<sup>RE</sup> 31	<sup>RE</sup> 6	<sup>RE</sup> 1,664	<sup>RE</sup> 77	<sup>RE</sup> 1,587
July .....	<sup>E</sup> 2,032	<sup>E</sup> 301	<sup>E</sup> 30	<sup>E</sup> 6	<sup>E</sup> 1,694	<sup>E</sup> 78	<sup>E</sup> 1,616
<b>2003 YTD</b> .....	<sup>E</sup> <b>14,300</b>	<sup>E</sup> <b>2,174</b>	<sup>E</sup> <b>216</b>	<sup>E</sup> <b>46</b>	<sup>E</sup> <b>11,865</b>	<sup>E</sup> <b>548</b>	<sup>E</sup> <b>11,317</b>
<b>2002 YTD</b> .....	<sup>E</sup> <b>14,091</b>	<sup>E</sup> <b>2,180</b>	<sup>E</sup> <b>219</b>	<sup>E</sup> <b>49</b>	<sup>E</sup> <b>11,642</b>	<sup>E</sup> <b>538</b>	<sup>E</sup> <b>11,105</b>
<b>2001 YTD</b> .....	<b>14,273</b>	<b>1,895</b>	<b>274</b>	<b>52</b>	<b>12,053</b>	<b>557</b>	<b>11,495</b>

<sup>a</sup> See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

<sup>b</sup> Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

<sup>c</sup> Equal to marketed production (wet) minus extraction loss.

<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** Data for 1997 through 2001 are final. All other data are preliminary

unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

**Sources:** 1997-2001: Energy Information Administration (EIA), *Natural Gas Annual 2001*. January 2002 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 2, and 3, for discussion of computation and estimation procedures and revision policies.



**Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1997-2003**  
(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels <sup>a</sup>	Net Imports	Net Storage Withdrawals <sup>b</sup>	Balancing Item <sup>c</sup>	Consumption <sup>d</sup>
<b>1997 Total</b> .....	<b>18,902</b>	<b>103</b>	<b>2,837</b>	<b>24</b>	<b>839</b>	<b>22,737</b>
<b>1998 Total</b> .....	<b>19,024</b>	<b>102</b>	<b>2,993</b>	<b>-530</b>	<b>633</b>	<b>22,245</b>
<b>1999 Total</b> .....	<b>18,832</b>	<b>98</b>	<b>3,422</b>	<b>172</b>	<b>-113</b>	<b>22,403</b>
<b>2000 Total</b> .....	<b>19,182</b>	<b>90</b>	<b>3,538</b>	<b>829</b>	<b>-271</b>	<b>23,368</b>
<b>2001</b>						
January .....	1,685	9	348	508	126	2,676
February .....	1,515	7	301	348	138	2,310
March .....	1,714	8	326	187	14	2,250
April .....	1,626	6	295	-284	163	1,807
May .....	1,681	6	293	-488	31	1,524
June .....	1,624	6	293	-449	-29	1,445
July .....	1,650	7	333	-392	-1	1,598
August .....	1,661	6	324	-313	-10	1,670
September .....	1,602	7	281	-379	-17	1,494
October .....	1,674	7	292	-193	-129	1,651
November .....	1,599	8	249	-74	-81	1,701
December .....	1,645	8	268	361	-160	2,122
<b>Total</b> .....	<b>19,676</b>	<b>86</b>	<b>3,604</b>	<b>-1,165</b>	<b>46</b>	<b>22,247</b>
<b>2002</b>						
January .....	<sup>E</sup> 1,620	8	308	546	<sup>R</sup> -19	<sup>R</sup> 2,462
February .....	<sup>E</sup> 1,447	<sup>E</sup> 7	275	462	<sup>R</sup> 25	<sup>R</sup> 2,215
March .....	<sup>E</sup> 1,625	8	294	320	<sup>R</sup> -17	<sup>R</sup> 2,230
April .....	<sup>E</sup> 1,558	6	275	-126	<sup>R</sup> 128	<sup>R</sup> 1,841
May .....	<sup>E</sup> 1,628	6	279	-323	-6	<sup>R</sup> 1,584
June .....	<sup>E</sup> 1,586	<sup>E</sup> 5	272	-339	32	1,557
July .....	<sup>E</sup> 1,641	<sup>E</sup> 7	299	-239	<sup>R</sup> 14	<sup>R</sup> 1,721
August .....	<sup>E</sup> 1,624	<sup>E</sup> 6	309	-234	<sup>R</sup> -26	<sup>R</sup> 1,679
September .....	<sup>E</sup> 1,513	6	288	-292	<sup>R</sup> -6	<sup>R</sup> 1,509
October .....	<sup>E</sup> 1,554	7	301	-84	<sup>R</sup> -156	<sup>R</sup> 1,621
November .....	<sup>E</sup> 1,608	7	275	198	<sup>R</sup> -212	<sup>R</sup> 1,876
December .....	<sup>E</sup> 1,644	8	314	558	<sup>R</sup> -194	<sup>R</sup> 2,330
<b>Total</b> .....	<b><sup>E</sup>19,047</b>	<b><sup>E</sup>80</b>	<b>3,491</b>	<b>447</b>	<b><sup>R</sup>-439</b>	<b><sup>R</sup>22,626</b>
<b>2003</b>						
January .....	<sup>RE</sup> 1,675	8	290	841	<sup>R</sup> -176	2,638
February .....	<sup>RE</sup> 1,502	4	242	676	<sup>R</sup> 44	<sup>R</sup> 2,468
March .....	<sup>RE</sup> 1,687	7	261	136	<sup>R</sup> 65	<sup>R</sup> 2,156
April .....	<sup>RE</sup> 1,601	6	246	-158	<sup>R</sup> 3	<sup>R</sup> 1,697
May .....	<sup>RE</sup> 1,648	<sup>E</sup> 7	257	-412	-22	1,478
June .....	<sup>RE</sup> 1,587	<sup>E</sup> 6	232	-470	<sup>R</sup> -32	<sup>R</sup> 1,323
July .....	<sup>E</sup> 1,616	<sup>E</sup> 7	<sup>R</sup> 285	-361	4	1,551
<b>2003 YTD</b> .....	<b><sup>E</sup>11,317</b>	<b><sup>E</sup>44</b>	<b>1,814</b>	<b>251</b>	<b>-114</b>	<b>13,311</b>
<b>2002 YTD</b> .....	<b><sup>E</sup>11,105</b>	<b><sup>E</sup>45</b>	<b>2,003</b>	<b>301</b>	<b>156</b>	<b>13,611</b>
<b>2001 YTD</b> .....	<b>11,495</b>	<b>50</b>	<b>2,189</b>	<b>-568</b>	<b>442</b>	<b>13,609</b>

<sup>a</sup> Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

<sup>b</sup> Monthly and annual data for 1997 through 2001 include underground storage and liquefied natural gas storage. Data for January 2002 forward include underground storage only. See Appendix A, Explanatory Note 6 for discussion of computation procedures.

<sup>c</sup> Represents quantities lost and imbalances in data due to differences among data sources. Annual balancing item for 1997-2001 includes net intransit deliveries through the United States for natural gas not contained in the monthly net imports figures. These intransit deliveries were (in billion cubic feet): -36 for 2001; -65 for 2000; -8 for 1999; 22 for 1998; 31 for 1997.

See Appendix A, Explanatory Note 8, for full discussion.

<sup>d</sup> Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

<sup>R</sup> Revised Data.

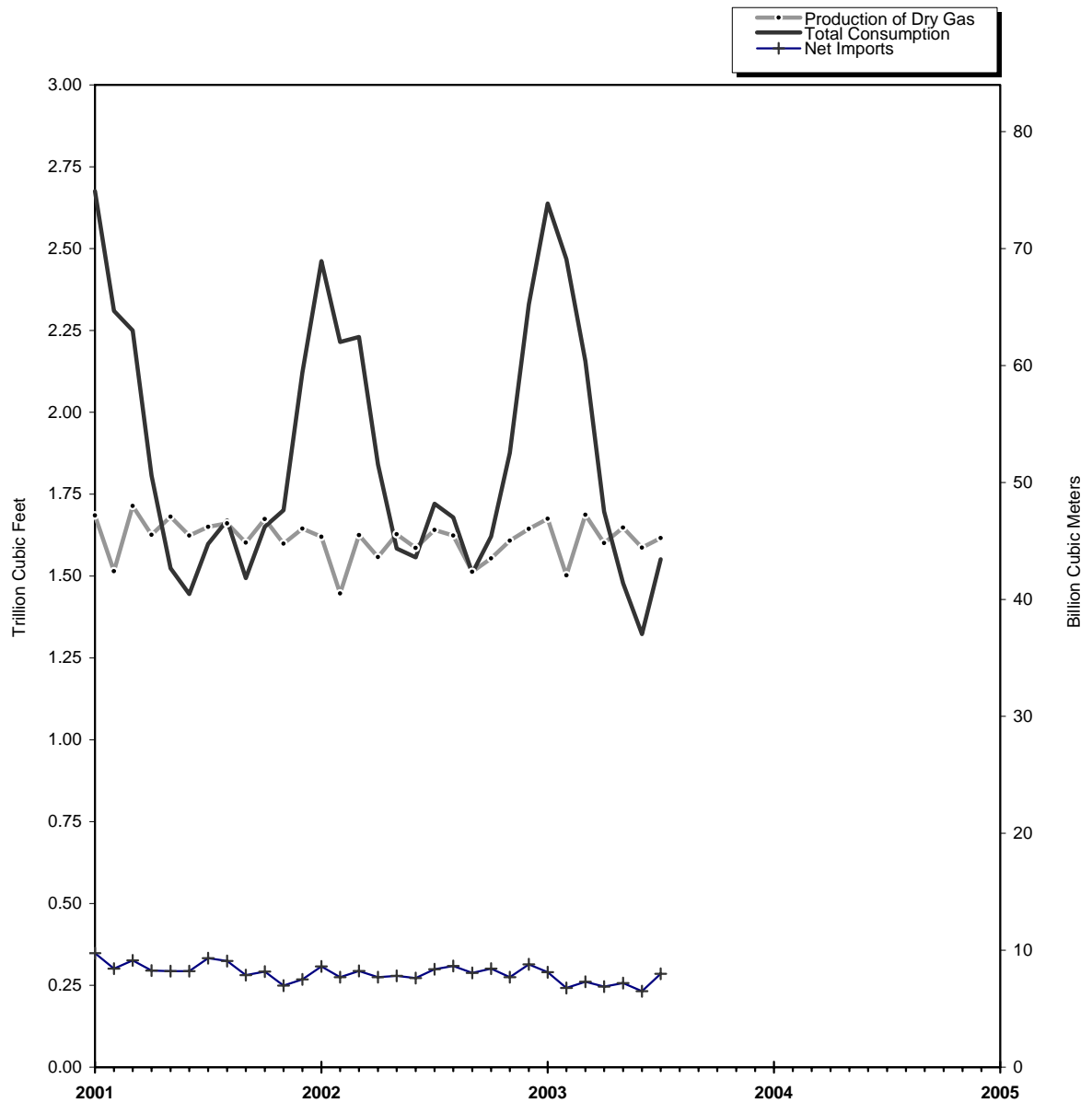
<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** Data for 1997 through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

**Sources:** 1997-2001: Energy Information Administration (EIA), *Natural Gas Annual 2001*. January 2002 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A, Notes 4 and 5, for discussion of computation and estimation procedures and revision policies.

Figure 1. Production, Consumption and Net Imports of Natural Gas in the United States, 2001-2003



Source: Table 2.

**Table 3. Natural Gas Consumption in the United States, 1997-2003**

(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel <sup>a</sup>	Pipeline Fuel <sup>b</sup>	Delivered to Consumers						Total Consumption
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel	Total	
<b>1997 Total</b> .....	<b>1,203</b>	<b>751</b>	<b>4,984</b>	<b>3,215</b>	<b>8,511</b>	<b>4,065</b>	<b>8</b>	<b>20,783</b>	<b>22,737</b>
<b>1998 Total</b> .....	<b>1,173</b>	<b>635</b>	<b>4,520</b>	<b>2,999</b>	<b>8,320</b>	<b>4,588</b>	<b>9</b>	<b>20,438</b>	<b>22,245</b>
<b>1999 Total</b> .....	<b>1,079</b>	<b>645</b>	<b>4,726</b>	<b>3,045</b>	<b>8,079</b>	<b>4,820</b>	<b>12</b>	<b>20,681</b>	<b>22,403</b>
<b>2000 Total</b> .....	<b>1,151</b>	<b>642</b>	<b>4,996</b>	<b>3,218</b>	<b>8,142</b>	<b>5,206</b>	<b>13</b>	<b>21,575</b>	<b>23,368</b>
<b>2001</b>									
January .....	93	76	977	503	684	340	1	2,506	2,676
February .....	85	66	781	425	640	313	1	2,159	2,310
March .....	95	64	682	378	667	363	1	2,091	2,250
April .....	90	51	401	257	623	385	1	1,666	1,807
May .....	92	42	209	165	579	434	1	1,389	1,524
June .....	89	40	147	136	539	493	1	1,316	1,445
July .....	91	44	124	131	572	634	1	1,463	1,598
August .....	92	47	117	134	592	687	1	1,532	1,670
September .....	89	41	128	144	581	510	1	1,364	1,494
October .....	93	46	239	186	621	466	1	1,513	1,651
November .....	89	48	361	232	620	351	1	1,564	1,701
December .....	92	60	610	347	645	367	1	1,971	2,122
<b>Total</b> .....	<b>1,089</b>	<b>624</b>	<b>4,776</b>	<b>3,037</b>	<b>7,363</b>	<b>5,343</b>	<b>15</b>	<b>20,534</b>	<b>22,247</b>
<b>2002</b>									
January .....	<sup>E</sup> 90	69	820	<sup>R</sup> 439	<sup>R</sup> 667	377	1	<sup>R</sup> 2,304	<sup>R</sup> 2,462
February .....	<sup>E</sup> 80	62	<sup>R</sup> 718	<sup>R</sup> 403	<sup>R</sup> 611	341	1	<sup>R</sup> 2,073	<sup>R</sup> 2,215
March .....	<sup>E</sup> 90	<sup>R</sup> 63	665	<sup>R</sup> 378	<sup>R</sup> 632	400	1	<sup>R</sup> 2,077	<sup>R</sup> 2,230
April .....	<sup>E</sup> 86	52	<sup>R</sup> 417	<sup>R</sup> 266	<sup>R</sup> 621	399	1	<sup>R</sup> 1,704	<sup>R</sup> 1,841
May .....	<sup>E</sup> 90	44	<sup>R</sup> 256	<sup>R</sup> 193	<sup>R</sup> 589	410	1	<sup>R</sup> 1,450	<sup>R</sup> 1,584
June .....	<sup>E</sup> 88	44	<sup>R</sup> 161	148	573	541	1	1,426	1,557
July .....	<sup>E</sup> 91	48	<sup>R</sup> 127	<sup>R</sup> 139	<sup>R</sup> 590	725	1	<sup>R</sup> 1,582	<sup>R</sup> 1,721
August .....	<sup>E</sup> 90	47	117	<sup>R</sup> 140	<sup>R</sup> 593	691	1	<sup>R</sup> 1,542	<sup>R</sup> 1,679
September .....	<sup>E</sup> 84	42	125	143	<sup>R</sup> 559	555	1	<sup>R</sup> 1,383	<sup>R</sup> 1,509
October .....	<sup>E</sup> 86	45	<sup>R</sup> 252	<sup>R</sup> 200	<sup>R</sup> 601	436	1	<sup>R</sup> 1,490	<sup>R</sup> 1,621
November .....	<sup>E</sup> 89	<sup>R</sup> 53	<sup>R</sup> 484	<sup>R</sup> 299	<sup>R</sup> 614	337	1	<sup>R</sup> 1,734	<sup>R</sup> 1,876
December .....	<sup>E</sup> 91	65	<sup>R</sup> 773	<sup>R</sup> 419	<sup>R</sup> 640	340	1	<sup>R</sup> 2,174	<sup>R</sup> 2,330
<b>Total</b> .....	<sup>E</sup> <b>1,053</b>	<sup>R</sup> <b>635</b>	<sup>R</sup> <b>4,915</b>	<sup>R</sup> <b>3,166</b>	<sup>R</sup> <b>7,290</b>	<b>5,553</b>	<b>15</b>	<sup>R</sup> <b>20,939</b>	<sup>R</sup> <b>22,626</b>
<b>2003</b>									
January .....	<sup>E</sup> 93	74	954	493	<sup>R</sup> 657	367	1	<sup>R</sup> 2,472	2,638
February .....	<sup>E</sup> 83	69	<sup>R</sup> 888	<sup>R</sup> 475	<sup>R</sup> 622	329	1	<sup>R</sup> 2,315	<sup>R</sup> 2,468
March .....	<sup>E</sup> 93	60	677	382	<sup>R</sup> 589	353	1	<sup>R</sup> 2,002	<sup>R</sup> 2,156
April .....	<sup>E</sup> 88	48	417	<sup>R</sup> 257	553	333	1	<sup>R</sup> 1,561	<sup>R</sup> 1,697
May .....	<sup>E</sup> 91	41	251	177	<sup>R</sup> 536	381	1	<sup>R</sup> 1,346	1,478
June .....	<sup>RE</sup> 88	37	<sup>R</sup> 160	135	<sup>R</sup> 490	411	1	<sup>R</sup> 1,198	<sup>R</sup> 1,323
July .....	<sup>E</sup> 89	43	128	128	551	609	1	1,418	1,551
<b>2003 YTD<sup>d</sup></b> .....	<sup>E</sup> <b>625</b>	<b>373</b>	<b>3,475</b>	<b>2,047</b>	<b>3,998</b>	<b>2,783</b>	<b>9</b>	<b>12,313</b>	<b>13,311</b>
<b>2002 YTD<sup>d</sup></b> .....	<sup>E</sup> <b>614</b>	<b>382</b>	<b>3,164</b>	<b>1,965</b>	<b>4,283</b>	<b>3,194</b>	<b>9</b>	<b>12,615</b>	<b>13,611</b>
<b>2001 YTD<sup>d</sup></b> .....	<b>635</b>	<b>383</b>	<b>3,322</b>	<b>1,994</b>	<b>4,305</b>	<b>2,962</b>	<b>8</b>	<b>12,591</b>	<b>13,609</b>

<sup>a</sup> Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

<sup>b</sup> Pipeline fuel use is collected only on an annual basis. Monthly pipeline fuel data are estimated from monthly total consumption(excluding pipeline fuel) by assuming that the preceding annual percentage remains constant for the next twelve months.

<sup>d</sup> Year-to-date volume represents months for which volume information is available in the current year.

<sup>R</sup> Revised Data.

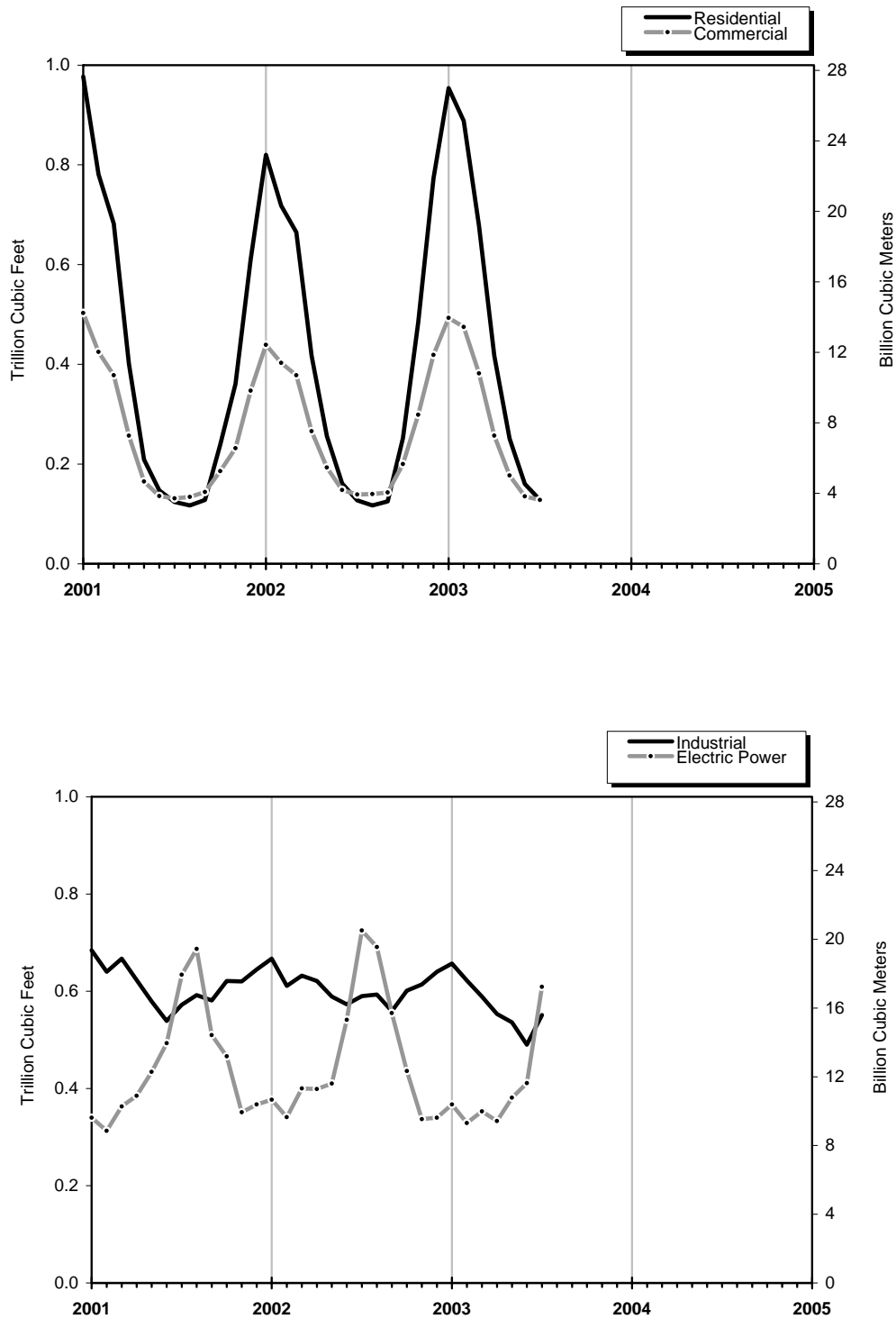
<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** Data for 1997 through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Explanatory Note 7 for definition of sectors.

**Sources:** 1997-2001: Energy Information Administration (EIA): Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-759, "Monthly Power Plant Report," Form EIA-906, "Power Plant Report," EIA computations, and *Natural Gas Annual 2001*. January 2002 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-906. See Appendix A, Explanatory Note 7, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 2001-2003



Source: Table 3.

**Table 4. Selected National Average Natural Gas Prices, 1997-2003**

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price <sup>a</sup>	City Gate Price	Consumer Prices					
			Residential Price	Commercial		Industrial		Electric Utilities Price
				Price	% of Total <sup>b</sup>	Price	% of Total <sup>b</sup>	
1997 Annual Average .....	2.32	3.66	6.94	5.80	70.8	3.59	18.1	2.78
1998 Annual Average .....	1.96	3.07	6.82	5.48	67.0	3.14	16.1	2.40
1999 Annual Average .....	2.19	3.10	6.69	5.33	66.1	3.12	18.8	2.62
2000 Annual Average .....	3.69	4.62	7.76	6.59	62.9	4.45	19.8	4.38
2001								
January .....	6.82	8.91	10.12	9.50	72.7	8.77	22.1	9.49
February .....	5.08	7.08	10.26	9.80	71.6	7.24	21.7	7.18
March .....	4.37	6.10	9.85	9.13	69.0	6.35	20.4	5.90
April .....	4.52	6.30	10.16	9.01	66.3	6.16	19.5	5.82
May .....	4.36	5.77	11.14	9.19	60.7	5.49	17.9	5.29
June .....	3.80	5.38	11.59	8.50	59.3	4.80	17.6	4.37
July .....	3.36	4.03	11.22	7.90	54.2	4.13	18.5	3.85
August .....	3.34	4.32	10.89	7.61	53.6	4.01	18.0	3.64
September .....	2.94	3.66	10.17	6.96	53.8	3.56	18.2	3.03
October .....	2.81	3.37	8.24	6.39	59.9	3.23	18.7	2.78
November .....	3.42	4.02	7.98	6.79	64.8	3.92	18.7	3.32
December .....	3.44	3.90	7.30	6.35	67.9	3.75	19.4	3.14
Annual Average .....	4.02	5.72	9.64	8.43	65.8	5.28	19.3	4.61
2002								
January .....	£2.35	℞4.05	7.35	6.49	℞78.7	℞4.08	17.4	3.31
February .....	£2.14	3.77	℞7.25	℞6.38	℞79.9	3.72	17.9	3.05
March .....	£2.52	3.85	7.10	℞6.23	℞80.2	℞3.79	17.7	3.50
April .....	£3.02	4.17	℞7.66	℞6.52	℞76.1	℞3.61	23.2	3.90
May .....	£3.01	4.07	℞8.54	℞6.62	℞72.3	℞4.03	℞21.1	3.88
June .....	£2.94	4.14	℞9.55	℞6.71	℞72.5	3.82	22.8	3.67
July .....	£2.89	3.92	℞10.20	℞6.53	℞70.9	3.78	21.0	3.53
August .....	£2.77	3.63	10.42	6.38	℞69.7	3.64	19.4	3.47
September .....	£2.98	3.96	10.19	℞6.46	℞68.8	℞3.85	℞19.9	3.76
October .....	£3.35	4.29	℞8.60	℞6.52	℞73.2	℞4.14	℞19.1	4.26
November .....	£3.59	4.62	℞7.97	℞6.74	℞78.0	℞4.66	℞19.4	4.49
December .....	£3.84	4.69	℞7.83	7.07	℞79.6	℞4.86	℞20.7	4.85
Annual Average .....	£2.95	4.14	℞7.88	6.57	76.6	4.00	℞19.9	3.77
2003								
January .....	£4.47	℞5.31	8.07	7.31	81.7	5.31	℞22.4	5.12
February .....	£5.45	5.87	℞8.43	℞7.80	℞79.2	6.17	21.7	6.38
March .....	£6.69	7.58	9.71	8.95	79.8	8.05	21.2	7.53
April .....	£4.71	℞5.61	℞10.04	℞8.74	℞76.5	5.88	21.1	5.63
May .....	£4.97	5.66	10.55	8.72	73.0	5.60	℞20.4	5.76
June .....	£5.35	℞6.38	℞11.76	℞8.88	℞71.7	℞6.37	℞19.9	6.38
July .....	£4.91	5.81	12.42	8.76	70.7	5.64	25.4	NA
2003 YTD <sup>c</sup> .....	£5.22	6.00	9.23	8.21	78.0	6.12	21.8	6.07
2002 YTD <sup>c</sup> .....	£2.70	3.97	7.64	6.45	77.2	3.83	20.1	3.57
2001 YTD <sup>c</sup> .....	4.62	6.78	10.27	9.27	67.8	6.35	19.8	5.57

<sup>a</sup> See Appendix A, Explanatory Note 10, for discussion of wellhead prices.

<sup>b</sup> Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

<sup>c</sup> Year-to-date price represents months for which price information is available in the current year. The electric utility year-to-date price is 1 month behind the wellhead, city gate, residential, commercial, and industrial year-to-date prices.

<sup>R</sup> Revised Data.

<sup>E</sup> Estimated Data.

NA Not Available.

**Notes:** Data for 1997 through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** 1997-2001: Energy Information Administration (EIA) *Natural Gas Annual 2001*. January 2002 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-910, "Monthly Natural Gas Marketer Survey," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates.

Figure 3. Average Consumer Price of Natural Gas in the U.S., 2001-2003

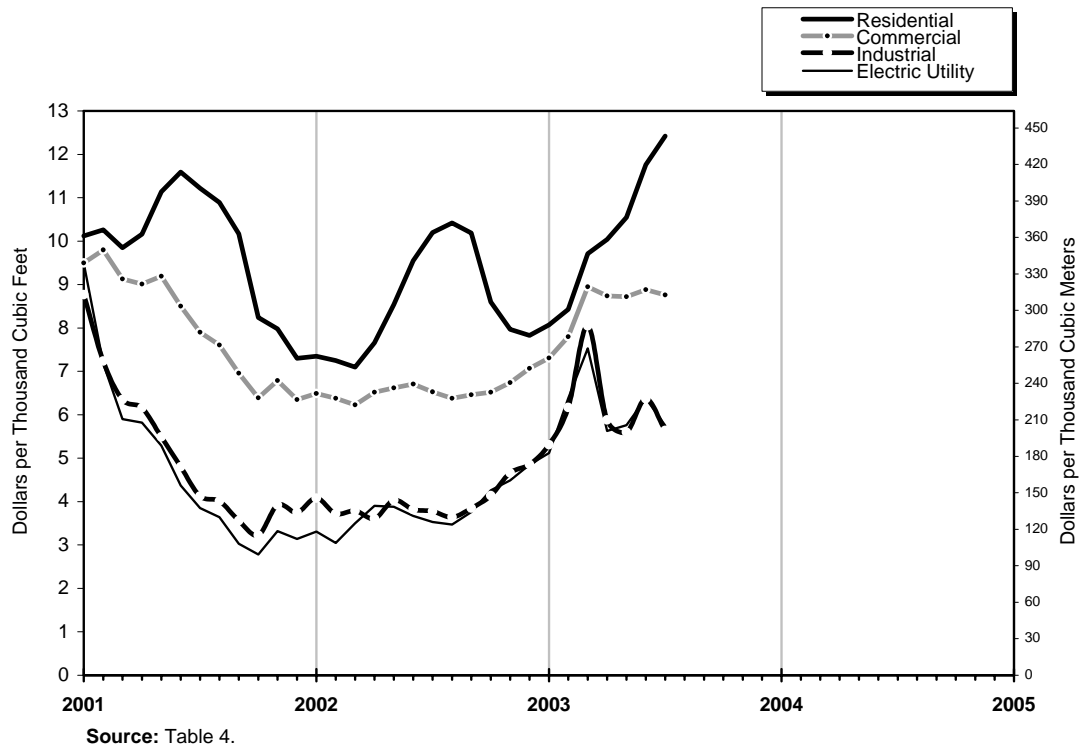
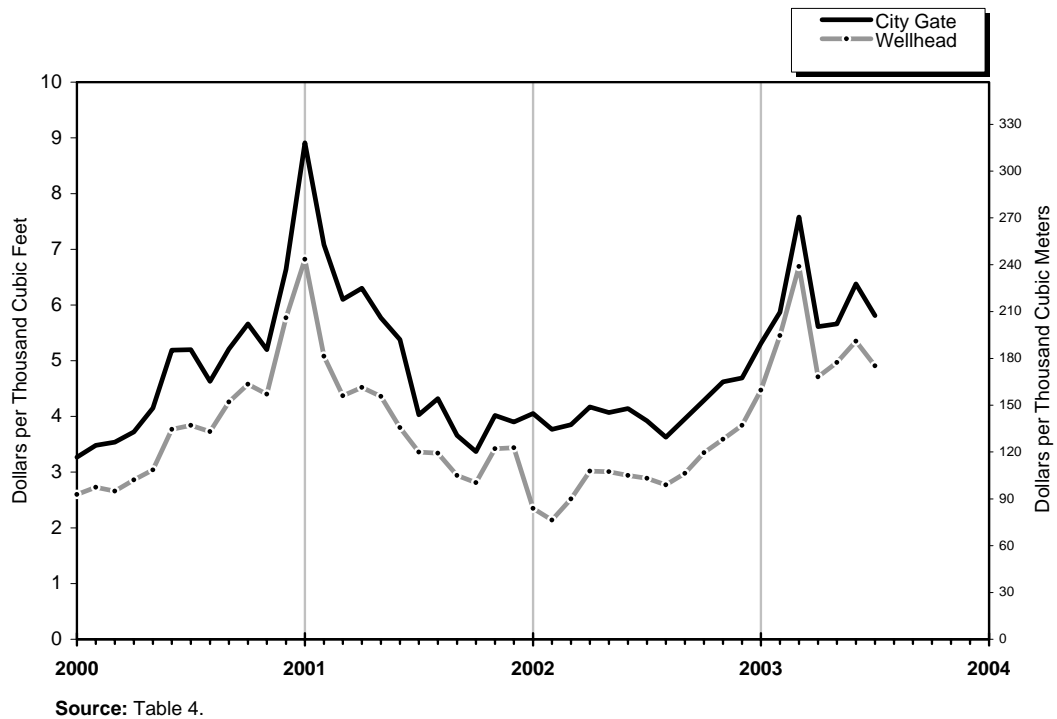


Figure 4. Average Price of Natural Gas in the United States, 2000-2003



**Table 5. U.S. Natural Gas Imports and Exports, 2001-2003**

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	YTD 2003	YTD 2002	YTD 2001	2003		
				August	July	June
Imports						
Volume (million cubic feet)						
Pipeline						
Canada <sup>a</sup> .....	2,208,004	2,486,266	2,544,437	287,466	<sup>R</sup> 282,978	235,254
Mexico .....	0	1,755	7,295	0	0	0
Total Pipeline Imports .....	2,208,004	2,488,021	2,551,732	287,466	<sup>R</sup> 282,978	235,254
LNG						
Algeria .....	28,880	21,313	49,619	2,768	5,462	2,788
Australia .....	0	0	2,394	0	0	0
Brunei .....	0	2,401	0	0	0	0
Indonesia .....	0	0	0	0	0	0
Malaysia .....	2,704	2,423	0	0	2,704	0
Nigeria .....	36,030	2,720	33,011	8,132	2,770	11,237
Oman .....	5,434	3,013	10,420	2,646	2,788	0
Qatar .....	4,864	32,564	17,838	0	2,993	0
Trinidad .....	233,912	78,036	70,230	35,466	44,564	33,889
United Arab Emirates .....	0	0	0	0	0	0
Total LNG Imports .....	311,825	142,470	183,512	49,012	61,281	47,914
Total Imports .....	2,519,829	2,630,491	2,735,244	336,478	<sup>R</sup> 344,260	283,168
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada .....	NA	2.82	5.30	NA	NA	5.51
Mexico .....	-	2.36	6.05	-	-	-
Total Pipeline Imports .....	NA	2.82	5.30	NA	NA	5.51
LNG						
Algeria .....	NA	3.48	4.08	NA	NA	5.54
Australia .....	-	-	3.86	-	-	-
Brunei .....	-	2.82	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Malaysia .....	NA	3.43	-	-	NA	-
Nigeria .....	NA	3.61	5.90	NA	NA	4.63
Oman .....	NA	3.34	5.70	NA	NA	-
Qatar .....	NA	3.37	4.68	-	NA	-
Trinidad .....	NA	3.11	4.62	NA	NA	5.08
United Arab Emirates .....	-	-	-	-	-	-
Total LNG Imports .....	NA	3.24	4.76	NA	NA	5.00
Total Imports .....	NA	2.85	5.27	NA	NA	5.42
Exports						
Volume (million cubic feet)						
Pipeline						
Canada .....	175,691	111,978	99,929	20,856	22,100	17,540
Mexico .....	<sup>E</sup> 210,004	164,906	80,433	<sup>E</sup> 30,124	<sup>E</sup> 30,124	30,124
Total Pipeline Exports .....	<sup>E</sup> 385,695	276,883	180,363	<sup>E</sup> 50,980	<sup>E</sup> 52,224	47,664
LNG						
Japan .....	40,026	41,016	41,254	5,145	6,546	3,498
Mexico .....	NA	251	289	NA	NA	19
Total LNG Exports .....	40,229	41,267	41,543	5,145	6,546	3,518
Total Exports .....	<sup>E</sup> 425,923	318,151	221,905	<sup>E</sup> 56,125	<sup>E</sup> 58,770	51,182
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada .....	NA	2.85	4.87	NA	NA	6.15
Mexico .....	NA	3.03	5.66	NA	NA	5.95
Total Pipeline Exports .....	NA	2.96	5.22	NA	NA	6.02
LNG						
Japan .....	NA	3.95	4.42	NA	NA	4.75
Mexico .....	NA	5.82	5.82	NA	NA	5.82
Total LNG Exports .....	NA	3.96	4.43	NA	NA	4.76
Total Exports .....	NA	3.09	5.07	NA	NA	5.94
Net Imports - Volume .....	2,093,906	2,312,341	2,513,339	280,353	<sup>R</sup> 285,490	231,986

See footnotes at end of table.

**Table 5. U.S. Natural Gas Imports and Exports, 2001-2003**

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003					2002
	May	April	March	February	January	Total
<b>Imports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada <sup>a</sup> .....	259,578	261,709	282,182	276,446	322,392	3,777,032
Mexico .....	0	0	0	0	0	1,755
<b>Total Pipeline Imports</b> .....	<b>259,578</b>	<b>261,709</b>	<b>282,182</b>	<b>276,446</b>	<b>322,392</b>	<b>3,778,786</b>
<b>LNG</b>						
Algeria .....	4,190	10,893	2,778	0	0	26,584
Australia .....	0	0	0	0	0	0
Brunei .....	0	0	0	0	0	2,401
Indonesia .....	0	0	0	0	0	0
Malaysia .....	0	0	0	0	0	2,423
Nigeria .....	11,288	2,604	0	0	0	8,123
Oman .....	0	0	0	0	0	3,013
Qatar .....	0	0	1,871	0	0	35,081
Trinidad .....	30,336	19,184	26,353	21,007	23,113	151,104
United Arab Emirates .....	0	0	0	0	0	0
<b>Total LNG Imports</b> .....	<b>45,814</b>	<b>32,682</b>	<b>31,002</b>	<b>21,007</b>	<b>23,113</b>	<b>228,730</b>
<b>Total Imports</b> .....	<b>305,391</b>	<b>294,391</b>	<b>313,184</b>	<b>297,453</b>	<b>345,504</b>	<b>4,007,516</b>
Average Price (dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	5.05	4.93	7.79	5.76	4.89	3.13
Mexico .....	-	-	-	-	-	2.36
<b>Total Pipeline Imports</b> .....	<b>5.05</b>	<b>4.93</b>	<b>7.79</b>	<b>5.76</b>	<b>4.89</b>	<b>3.13</b>
<b>LNG</b>						
Algeria .....	4.75	6.12	7.79	-	-	3.61
Australia .....	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	2.82
Indonesia .....	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	3.43
Nigeria .....	4.73	5.02	-	-	-	3.21
Oman .....	-	-	-	-	-	3.34
Qatar .....	-	-	5.94	-	-	3.39
Trinidad .....	4.79	5.11	5.09	4.79	4.65	3.43
United Arab Emirates .....	-	-	-	-	-	-
<b>Total LNG Imports</b> .....	<b>4.77</b>	<b>5.44</b>	<b>5.38</b>	<b>4.79</b>	<b>4.65</b>	<b>3.43</b>
<b>Total Imports</b> .....	<b>5.01</b>	<b>4.99</b>	<b>7.55</b>	<b>5.69</b>	<b>4.87</b>	<b>3.15</b>
<b>Exports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada .....	15,223	22,677	28,909	25,141	23,244	189,313
Mexico .....	28,919	20,217	17,298	25,177	28,021	263,078
<b>Total Pipeline Exports</b> .....	<b>44,143</b>	<b>42,893</b>	<b>46,207</b>	<b>50,318</b>	<b>51,266</b>	<b>452,391</b>
<b>LNG</b>						
Japan .....	3,798	5,605	5,565	5,569	4,301	63,439
Mexico .....	27	33	40	40	44	403
<b>Total LNG Exports</b> .....	<b>3,825</b>	<b>5,637</b>	<b>5,604</b>	<b>5,609</b>	<b>4,345</b>	<b>63,842</b>
<b>Total Exports</b> .....	<b>47,968</b>	<b>48,531</b>	<b>51,811</b>	<b>55,927</b>	<b>55,611</b>	<b>516,233</b>
Average Price dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	5.56	5.51	9.27	7.57	6.57	3.34
Mexico .....	5.60	5.15	8.46	5.78	5.03	3.30
<b>Total Pipeline Exports</b> .....	<b>5.59</b>	<b>5.34</b>	<b>8.97</b>	<b>6.67</b>	<b>5.73</b>	<b>3.32</b>
<b>LNG</b>						
Japan .....	4.61	4.43	4.29	4.43	4.42	4.07
Mexico .....	5.82	5.82	5.82	5.82	5.82	5.82
<b>Total LNG Exports</b> .....	<b>4.62</b>	<b>4.44</b>	<b>4.30</b>	<b>4.44</b>	<b>4.43</b>	<b>4.08</b>
<b>Total Exports</b> .....	<b>5.51</b>	<b>5.24</b>	<b>8.46</b>	<b>6.45</b>	<b>5.63</b>	<b>3.41</b>
<b>Net Imports - Volume</b> .....	<b>257,424</b>	<b>245,860</b>	<b>261,373</b>	<b>241,526</b>	<b>289,894</b>	<b>3,491,283</b>

See footnotes at end of table.



**Table 5. U.S. Natural Gas Imports and Exports, 2001-2003**

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2002					
	December	November	October	September	August	July
<b>Imports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada <sup>a</sup> .....	348,952	308,220	315,486	318,108	331,234	322,654
Mexico .....	0	0	0	0	0	0
<b>Total Pipeline Imports</b> .....	<b>348,952</b>	<b>308,220</b>	<b>315,486</b>	<b>318,108</b>	<b>331,234</b>	<b>322,654</b>
<b>LNG</b>						
Algeria .....	2,636	2,636	0	0	0	4,665
Australia .....	0	0	0	0	0	0
Brunei .....	0	0	0	0	0	0
Indonesia .....	0	0	0	0	0	0
Malaysia .....	0	0	0	0	0	0
Nigeria .....	0	0	5,403	0	2,720	0
Oman .....	0	0	0	0	3,013	0
Qatar .....	0	0	0	2,517	2,644	5,375
Trinidad .....	17,512	19,169	22,018	14,369	15,796	11,360
United Arab Emirates .....	0	0	0	0	0	0
<b>Total LNG Imports</b> .....	<b>20,147</b>	<b>21,804</b>	<b>27,421</b>	<b>16,886</b>	<b>24,174</b>	<b>21,400</b>
<b>Total Imports</b> .....	<b>369,099</b>	<b>330,025</b>	<b>342,907</b>	<b>334,994</b>	<b>355,408</b>	<b>344,054</b>
Average Price (dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	4.19	4.06	3.58	3.05	2.67	2.81
Mexico .....	-	-	-	-	-	-
<b>Total Pipeline Imports</b> .....	<b>4.19</b>	<b>4.06</b>	<b>3.58</b>	<b>3.05</b>	<b>2.67</b>	<b>2.81</b>
<b>LNG</b>						
Algeria .....	4.20	4.07	-	-	-	3.41
Australia .....	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-
Nigeria .....	-	-	3.01	-	3.61	-
Oman .....	-	-	-	-	3.34	-
Qatar .....	-	-	-	3.59	3.16	3.56
Trinidad .....	4.42	3.85	3.52	3.30	3.06	3.22
United Arab Emirates .....	-	-	-	-	-	-
<b>Total LNG Imports</b> .....	<b>4.39</b>	<b>3.88</b>	<b>3.42</b>	<b>3.34</b>	<b>3.17</b>	<b>3.35</b>
<b>Total Imports</b> .....	<b>4.20</b>	<b>4.05</b>	<b>3.57</b>	<b>3.06</b>	<b>2.70</b>	<b>2.84</b>
<b>Exports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada .....	26,005	27,678	10,182	13,471	11,983	11,856
Mexico .....	23,113	21,264	26,314	27,482	28,922	27,570
<b>Total Pipeline Exports</b> .....	<b>49,118</b>	<b>48,942</b>	<b>36,495</b>	<b>40,952</b>	<b>40,905</b>	<b>39,426</b>
<b>LNG</b>						
Japan .....	5,660	5,609	5,571	5,583	5,583	5,588
Mexico .....	43	37	43	28	24	19
<b>Total LNG Exports</b> .....	<b>5,703</b>	<b>5,647</b>	<b>5,614</b>	<b>5,611</b>	<b>5,607</b>	<b>5,607</b>
<b>Total Exports</b> .....	<b>54,821</b>	<b>54,589</b>	<b>42,109</b>	<b>46,563</b>	<b>46,511</b>	<b>45,032</b>
Average Price dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	4.33	4.33	3.78	3.23	2.59	3.18
Mexico .....	4.26	4.03	3.58	3.25	2.92	3.21
<b>Total Pipeline Exports</b> .....	<b>4.30</b>	<b>4.20</b>	<b>3.64</b>	<b>3.24</b>	<b>2.82</b>	<b>3.20</b>
<b>LNG</b>						
Japan .....	4.33	4.29	4.27	4.29	4.25	4.08
Mexico .....	5.82	5.82	5.82	5.82	5.82	5.82
<b>Total LNG Exports</b> .....	<b>4.34</b>	<b>4.30</b>	<b>4.28</b>	<b>4.30</b>	<b>4.26</b>	<b>4.09</b>
<b>Total Exports</b> .....	<b>4.30</b>	<b>4.21</b>	<b>3.72</b>	<b>3.37</b>	<b>3.00</b>	<b>3.31</b>
<b>Net Imports - Volume</b> .....	<b>314,278</b>	<b>275,436</b>	<b>300,798</b>	<b>288,431</b>	<b>308,896</b>	<b>299,021</b>

See footnotes at end of table.

**Table 5. U.S. Natural Gas Imports and Exports, 2001-2003**

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2002					
	June	May	April	March	February	January
<b>Imports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada <sup>a</sup> .....	291,606	290,759	297,315	321,851	297,023	333,825
Mexico .....	0	0	0	0	798	956
<b>Total Pipeline Imports</b> .....	<b>291,606</b>	<b>290,759</b>	<b>297,315</b>	<b>321,851</b>	<b>297,821</b>	<b>334,781</b>
<b>LNG</b>						
Algeria .....	4,665	7,344	1,912	0	0	2,726
Australia .....	0	0	0	0	0	0
Brunei .....	0	2,401	0	0	0	0
Indonesia .....	0	0	0	0	0	0
Malaysia .....	0	2,423	0	0	0	0
Nigeria .....	0	0	0	0	0	0
Oman .....	0	0	0	0	0	0
Qatar .....	13,903	5,612	5,030	0	0	0
Trinidad .....	7,256	10,312	10,271	10,151	7,571	5,318
United Arab Emirates .....	0	0	0	0	0	0
<b>Total LNG Imports</b> .....	<b>25,824</b>	<b>28,092</b>	<b>17,213</b>	<b>10,151</b>	<b>7,571</b>	<b>8,043</b>
<b>Total Imports</b> .....	<b>317,431</b>	<b>318,851</b>	<b>314,528</b>	<b>332,003</b>	<b>305,392</b>	<b>342,825</b>
Average Price (dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	3.06	3.24	3.28	2.61	2.29	2.70
Mexico .....	-	-	-	-	2.09	2.58
<b>Total Pipeline Imports</b> .....	<b>3.06</b>	<b>3.24</b>	<b>3.28</b>	<b>2.61</b>	<b>2.29</b>	<b>2.70</b>
<b>LNG</b>						
Algeria .....	3.60	3.43	3.18	-	-	3.77
Australia .....	-	-	-	-	-	-
Brunei .....	-	2.82	-	-	-	-
Indonesia .....	-	-	-	-	-	-
Malaysia .....	-	3.43	-	-	-	-
Nigeria .....	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-
Qatar .....	3.43	3.45	3.03	-	-	-
Trinidad .....	3.18	3.23	3.09	2.68	3.00	3.71
United Arab Emirates .....	-	-	-	-	-	-
<b>Total LNG Imports</b> .....	<b>3.39</b>	<b>3.31</b>	<b>3.08</b>	<b>2.68</b>	<b>3.00</b>	<b>3.73</b>
<b>Total Imports</b> .....	<b>3.09</b>	<b>3.25</b>	<b>3.27</b>	<b>2.61</b>	<b>2.31</b>	<b>2.72</b>
<b>Exports</b>						
Volume (million cubic feet)						
<b>Pipeline</b>						
Canada .....	14,379	14,777	12,619	14,270	15,822	16,274
Mexico .....	24,948	22,799	19,122	18,213	10,770	12,562
<b>Total Pipeline Exports</b> .....	<b>39,327</b>	<b>37,576</b>	<b>31,740</b>	<b>32,483</b>	<b>26,591</b>	<b>28,835</b>
<b>LNG</b>						
Japan .....	5,586	1,853	7,427	5,619	3,755	5,605
Mexico .....	25	30	26	39	37	51
<b>Total LNG Exports</b> .....	<b>5,612</b>	<b>1,882</b>	<b>7,454</b>	<b>5,658</b>	<b>3,792</b>	<b>5,656</b>
<b>Total Exports</b> .....	<b>44,939</b>	<b>39,459</b>	<b>39,194</b>	<b>38,141</b>	<b>30,383</b>	<b>34,491</b>
Average Price dollars per thousand cubic feet)						
<b>Pipeline</b>						
Canada .....	3.26	3.33	3.38	2.43	2.15	2.61
Mexico .....	3.14	3.27	3.52	2.70	2.25	2.66
<b>Total Pipeline Exports</b> .....	<b>3.18</b>	<b>3.29</b>	<b>3.46</b>	<b>2.58</b>	<b>2.19</b>	<b>2.63</b>
<b>LNG</b>						
Japan .....	3.84	3.76	3.67	3.73	4.02	4.26
Mexico .....	5.82	5.82	5.82	5.82	5.82	5.82
<b>Total LNG Exports</b> .....	<b>3.85</b>	<b>3.79</b>	<b>3.68</b>	<b>3.74</b>	<b>4.04</b>	<b>4.27</b>
<b>Total Exports</b> .....	<b>3.27</b>	<b>3.32</b>	<b>3.50</b>	<b>2.75</b>	<b>2.42</b>	<b>2.90</b>
<b>Net Imports - Volume</b> .....	<b>272,492</b>	<b>279,392</b>	<b>275,334</b>	<b>293,862</b>	<b>275,009</b>	<b>308,333</b>

<sup>a</sup> Beginning with data for January 2001, EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

<sup>R</sup> Revised Data.

<sup>E</sup> Estimated Data.

<sup>NA</sup> Not Available.

— Not Applicable.

**Sources:** Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

**Table 6. Summary of U.S. Natural Gas Imports and Exports, 1997-2001**

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	1997	1998	1999	2000	2001
<b>Imports</b>					
Volume (million cubic feet)					
<b>Pipeline</b>					
Canada .....	2,899,152	3,052,073	3,367,545	3,543,966	<sup>a</sup> 3,728,537
Mexico .....	17,243	14,532	54,530	11,601	10,276
<b>Total Pipeline Imports .....</b>	<b>2,916,394</b>	<b>3,066,605</b>	<b>3,422,075</b>	<b>3,555,567</b>	<b>3,738,814</b>
<b>LNG</b>					
Algeria .....	65,675	68,567	75,763	46,947	64,945
Australia .....	9,686	11,634	11,904	5,945	2,394
Brunei .....	0	0	0	0	0
Indonesia .....	0	0	0	2,760	0
Malaysia .....	0	0	2,576	0	0
Nigeria .....	0	0	0	12,654	37,966
Oman .....	0	0	0	9,998	12,055
Qatar .....	0	0	19,697	46,057	22,758
Trinidad .....	0	0	50,777	98,949	98,009
United Arab Emirates .....	2,417	5,252	2,713	2,725	0
<b>Total LNG Imports .....</b>	<b>77,778</b>	<b>85,453</b>	<b>163,430</b>	<b>226,036</b>	<b>238,126</b>
<b>Total Imports .....</b>	<b>2,994,173</b>	<b>3,152,058</b>	<b>3,585,505</b>	<b>3,781,603</b>	<b>3,976,939</b>
Average Price (dollars per thousand cubic feet)					
<b>Pipeline</b>					
Canada .....	2.15	1.95	2.23	3.97	4.43
Mexico .....	2.31	2.03	2.14	5.43	5.00
<b>Total Pipeline Imports .....</b>	<b>2.15</b>	<b>1.95</b>	<b>2.23</b>	<b>3.98</b>	<b>4.44</b>
<b>LNG</b>					
Algeria .....	2.67	2.51	2.41	3.48	3.73
Australia .....	2.92	3.30	2.70	3.25	3.86
Brunei .....	-	-	-	-	-
Indonesia .....	-	-	-	3.99	-
Malaysia .....	-	-	2.36	-	-
Nigeria .....	-	-	-	4.37	5.56
Oman .....	-	-	-	3.36	5.56
Qatar .....	-	-	2.71	3.44	4.37
Trinidad .....	-	-	2.39	3.43	4.14
United Arab Emirates .....	3.74	2.63	3.03	3.53	-
<b>Total LNG Imports .....</b>	<b>2.74</b>	<b>2.63</b>	<b>2.47</b>	<b>3.50</b>	<b>4.35</b>
<b>Total Imports .....</b>	<b>2.17</b>	<b>1.97</b>	<b>2.24</b>	<b>3.95</b>	<b>4.43</b>
<b>Exports</b>					
Volume (million cubic feet)					
<b>Pipeline</b>					
Canada .....	56,447	39,891	38,508	72,586	166,690
Mexico .....	38,372	53,133	61,025	105,102	140,370
<b>Total Pipeline Exports .....</b>	<b>94,818</b>	<b>93,023</b>	<b>99,533</b>	<b>177,688</b>	<b>307,060</b>
<b>LNG</b>					
Japan .....	62,187	65,951	63,607	65,610	65,753
Mexico .....	0	33	275	418	465
<b>Total LNG Exports .....</b>	<b>62,187</b>	<b>65,984</b>	<b>63,882</b>	<b>66,028</b>	<b>66,218</b>
<b>Total Exports .....</b>	<b>157,006</b>	<b>159,007</b>	<b>163,415</b>	<b>243,716</b>	<b>373,278</b>
Average Price dollars per thousand cubic feet)					
<b>Pipeline</b>					
Canada .....	2.52	2.25	2.35	3.66	3.97
Mexico .....	2.46	2.04	2.27	4.26	4.34
<b>Total Pipeline Exports .....</b>	<b>2.49</b>	<b>2.13</b>	<b>2.30</b>	<b>4.01</b>	<b>4.14</b>
<b>LNG</b>					
Japan .....	3.83	2.91	3.08	4.31	4.39
Mexico .....	-	5.69	6.95	5.82	5.82
<b>Total LNG Exports .....</b>	<b>3.83</b>	<b>2.91</b>	<b>3.10</b>	<b>4.31</b>	<b>4.40</b>
<b>Total Exports .....</b>	<b>3.02</b>	<b>2.45</b>	<b>2.61</b>	<b>4.10</b>	<b>4.19</b>
<b>Net Imports - Volume .....</b>	<b>2,837,167</b>	<b>2,993,051</b>	<b>3,422,090</b>	<b>3,537,887</b>	<b>3,603,661</b>

<sup>a</sup> Beginning with data for January 2001, EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on

the same physical basis as other reported volumes of pipeline imports.

— Not Applicable.

**Sources:** Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. LNG data: Industry reports.

**Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1997-2003**  
(Million Cubic Feet)

Year and Month	Alabama	Alaska	Arizona	California	Colorado	Florida	Kansas
<b>1997 Total</b> .....	<b>388,596</b>	<b>468,311</b>	<b>452</b>	<b>285,690</b>	<b>637,375</b>	<b>6,114</b>	<b>687,215</b>
<b>1998 Total</b> .....	<b>392,394</b>	<b>466,648</b>	<b>457</b>	<b>315,277</b>	<b>696,321</b>	<b>5,796</b>	<b>603,586</b>
<b>1999 Total</b> .....	<b>381,701</b>	<b>462,967</b>	<b>474</b>	<b>382,715</b>	<b>722,738</b>	<b>5,933</b>	<b>553,419</b>
<b>2000 Total</b> .....	<b>363,467</b>	<b>458,995</b>	<b>368</b>	<b>376,580</b>	<b>752,985</b>	<b>6,491</b>	<b>525,729</b>
<b>2001</b>							
January .....	30,460	43,493	31	31,909	67,774	498	45,297
February .....	27,096	39,459	28	27,787	60,001	488	38,003
March .....	29,918	43,641	31	30,312	65,317	587	41,029
April .....	28,864	38,225	32	29,074	60,134	520	39,827
May .....	29,742	34,303	28	31,230	61,348	513	40,035
June .....	28,993	36,875	25	30,568	59,612	413	40,304
July .....	30,616	36,548	26	32,970	57,369	471	40,127
August .....	30,999	36,804	24	33,137	54,463	464	39,822
September .....	30,101	38,041	22	32,377	53,484	484	38,427
October .....	30,194	40,559	20	33,725	51,818	386	39,337
November .....	29,379	40,007	15	32,455	52,383	413	38,254
December .....	30,446	43,487	25	32,281	52,534	472	39,682
<b>Total</b> .....	<b>356,810</b>	<b>471,440</b>	<b>307</b>	<b>377,824</b>	<b>696,237</b>	<b>5,710</b>	<b>480,145</b>
<b>2002</b>							
January .....	29,824	42,257	26	30,928	<sup>E</sup> 54,022	342	39,644
February .....	27,219	38,966	23	28,337	<sup>E</sup> 50,723	256	35,325
March .....	29,303	41,993	26	31,562	<sup>E</sup> 52,656	386	38,902
April .....	28,624	40,086	23	29,413	<sup>E</sup> 49,867	291	38,190
May .....	28,908	35,924	23	30,596	<sup>E</sup> 52,315	296	39,173
June .....	28,600	37,109	24	30,261	<sup>E</sup> 49,327	287	38,427
July .....	29,707	36,269	29	30,268	<sup>E</sup> 50,100	266	38,173
August .....	31,095	37,345	28	30,113	<sup>E</sup> 49,891	243	38,316
September .....	30,166	34,764	28	29,438	<sup>E</sup> 48,500	251	35,797
October .....	31,594	39,274	25	30,213	<sup>E</sup> 49,250	241	36,654
November .....	30,465	38,823	23	29,800	<sup>E</sup> 48,905	213	35,522
December .....	30,556	41,860	23	29,631	<sup>E</sup> 49,828	271	36,679
<b>Total</b> .....	<b>356,061</b>	<b>464,669</b>	<b>301</b>	<b>360,559</b>	<sup>E</sup> <b>605,384</b>	<b>3,343</b>	<b>450,801</b>
<b>2003</b>							
January .....	30,763	42,229	22	29,894	<sup>R</sup> 83,130	236	36,158
February .....	28,063	38,442	21	27,119	<sup>R</sup> 75,511	<sup>E</sup> 200	32,308
March .....	31,401	52,604	21	29,442	<sup>R</sup> 82,932	<sup>E</sup> 255	35,429
April .....	29,782	39,481	21	28,279	<sup>R</sup> 78,817	<sup>E</sup> 213	34,533
May .....	29,933	36,457	24	29,536	<sup>R</sup> 81,900	210	38,050
June .....	<sup>E</sup> 29,316	36,077	23	28,445	78,820	280	33,488
<b>2003 YTD</b> .....	<sup>E</sup> <b>179,259</b>	<b>245,290</b>	<b>131</b>	<b>172,715</b>	<b>481,110</b>	<sup>E</sup> <b>1,394</b>	<b>209,966</b>
<b>2002 YTD</b> .....	<b>172,478</b>	<b>236,334</b>	<b>146</b>	<b>181,097</b>	<sup>E</sup> <b>308,910</b>	<b>1,857</b>	<b>229,660</b>
<b>2001 YTD</b> .....	<b>175,073</b>	<b>235,995</b>	<b>176</b>	<b>180,879</b>	<b>374,186</b>	<b>3,019</b>	<b>244,496</b>

See footnotes at end of table.

**Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1997-2003**  
(Million Cubic Feet) — Continued

Year and Month	Louisiana	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
<b>1997 Total</b> .....	<b>1,505,014</b>	<b>305,950</b>	<b>107,300</b>	<b>52,437</b>	<b>1,558,633</b>	<b>52,401</b>	<b>1,703,888</b>
<b>1998 Total</b> .....	<b>1,551,979</b>	<b>278,076</b>	<b>108,068</b>	<b>57,645</b>	<b>1,501,098</b>	<b>53,185</b>	<b>1,669,367</b>
<b>1999 Total</b> .....	<b>1,566,916</b>	<b>277,364</b>	<b>111,021</b>	<b>61,163</b>	<b>1,511,671</b>	<b>52,862</b>	<b>1,594,002</b>
<b>2000 Total</b> .....	<b>1,455,014</b>	<b>296,556</b>	<b>88,558</b>	<b>69,936</b>	<b>1,695,295</b>	<b>52,426</b>	<b>1,612,890</b>
<b>2001</b>							
January .....	124,371	27,356	8,958	6,988	143,955	4,517	133,934
February .....	115,943	13,501	7,749	6,379	131,899	4,014	122,434
March .....	137,930	29,663	8,398	6,996	144,915	4,548	138,604
April .....	125,073	20,073	9,892	6,538	140,422	4,566	136,210
May .....	129,537	35,940	10,332	6,767	143,332	4,825	145,606
June .....	123,492	17,781	8,440	6,252	134,107	4,357	135,712
July .....	127,806	19,992	9,313	6,856	143,117	4,649	136,425
August .....	127,732	26,811	9,494	6,785	144,951	4,753	138,939
September .....	121,068	14,352	8,341	6,655	138,332	4,501	133,915
October .....	124,105	29,330	9,074	7,027	142,921	4,581	137,551
November .....	121,862	24,137	8,353	6,690	138,713	4,648	121,359
December .....	123,904	16,099	9,196	7,465	142,462	4,773	134,696
<b>Total</b> .....	<b>1,502,825</b>	<b>275,036</b>	<b>107,541</b>	<b>81,397</b>	<b>1,689,125</b>	<b>54,732</b>	<b>1,615,384</b>
<b>2002</b>							
January .....	<sup>E</sup> 130,293	34,593	9,510	7,569	137,980	4,763	<sup>E</sup> 135,659
February .....	<sup>E</sup> 117,759	13,357	8,688	6,715	124,271	4,263	<sup>E</sup> 123,144
March .....	<sup>E</sup> 131,632	31,113	9,016	7,131	137,618	4,712	<sup>E</sup> 137,542
April .....	<sup>E</sup> 127,233	17,564	8,706	6,993	129,207	4,617	<sup>E</sup> 132,944
May .....	<sup>E</sup> 131,815	29,128	9,321	6,969	133,492	4,910	<sup>E</sup> 137,734
June .....	<sup>E</sup> 127,281	17,707	9,065	6,641	128,333	4,628	<sup>E</sup> 134,508
July .....	<sup>E</sup> 130,232	34,483	9,067	6,746	134,156	4,766	<sup>E</sup> 137,627
August .....	<sup>E</sup> 130,449	13,999	9,443	6,697	134,938	4,865	<sup>E</sup> 137,856
September .....	<sup>E</sup> 125,736	18,812	10,110	7,033	130,590	5,270	<sup>E</sup> 132,878
October .....	<sup>E</sup> 130,200	29,817	10,172	7,192	128,319	4,852	<sup>E</sup> 138,353
November .....	<sup>E</sup> 126,707	16,082	9,464	7,154	131,131	4,627	<sup>E</sup> 134,640
December .....	<sup>E</sup> 128,432	18,708	10,250	7,442	129,093	4,726	<sup>E</sup> 140,267
<b>Total</b> .....	<sup>E</sup> <b>1,537,769</b>	<b>275,363</b>	<b>112,812</b>	<b>84,282</b>	<b>1,579,130</b>	<b>56,999</b>	<sup>E</sup> <b>1,623,152</b>
<b>2003</b>							
January .....	<sup>RE</sup> 113,923	30,488	10,990	6,902	129,805	4,607	<sup>E</sup> 141,591
February .....	<sup>RE</sup> 106,400	15,229	9,530	6,546	118,977	4,132	<sup>E</sup> 128,156
March .....	<sup>RE</sup> 118,513	22,663	10,566	7,116	133,383	4,557	<sup>E</sup> 140,777
April .....	<sup>RE</sup> 116,731	15,026	10,924	6,817	126,853	4,311	<sup>E</sup> 134,043
May .....	<sup>RE</sup> 119,816	22,584	11,317	6,767	129,669	4,470	<sup>E</sup> 140,654
June .....	<sup>E</sup> 111,791	17,416	11,065	6,788	<sup>E</sup> 123,702	5,804	<sup>E</sup> 136,475
<b>2003 YTD</b> .....	<sup>E</sup> <b>687,174</b>	<b>123,404</b>	<b>64,392</b>	<b>40,937</b>	<sup>E</sup> <b>762,390</b>	<b>27,880</b>	<sup>E</sup> <b>821,696</b>
<b>2002 YTD</b> .....	<sup>E</sup> <b>766,013</b>	<b>143,462</b>	<b>54,307</b>	<b>42,018</b>	<b>790,902</b>	<b>27,894</b>	<sup>E</sup> <b>801,531</b>
<b>2001 YTD</b> .....	<b>756,346</b>	<b>144,315</b>	<b>53,770</b>	<b>39,920</b>	<b>838,630</b>	<b>26,827</b>	<b>812,499</b>

See footnotes at end of table.

**Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1997-2003**

(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas	Utah	Wyoming	Other <sup>a</sup> States	Federal Gulf of Mexico	U.S. Total
<b>1997 Total</b> .....	<b>1,173</b>	<b>5,167,334</b>	<b>257,139</b>	<b>738,368</b>	<b>736,679</b>	<b>5,206,023</b>	<b>19,866,093</b>
<b>1998 Total</b> .....	<b>1,067</b>	<b>5,227,477</b>	<b>277,340</b>	<b>903,836</b>	<b>775,235</b>	<b>5,076,496</b>	<b>19,961,348</b>
<b>1999 Total</b> .....	<b>1,291</b>	<b>5,054,486</b>	<b>262,614</b>	<b>971,230</b>	<b>800,579</b>	<b>5,029,704</b>	<b>19,804,848</b>
<b>2000 Total</b> .....	<b>1,214</b>	<b>5,282,104</b>	<b>269,285</b>	<b>1,088,328</b>	<b>866,902</b>	<b>4,934,387</b>	<b>20,197,511</b>
<b>2001</b>							
January .....	113	453,761	24,309	115,164	74,256	429,097	1,766,240
February .....	108	405,927	22,368	102,340	69,441	393,225	1,588,190
March .....	116	452,870	24,876	117,096	75,503	444,720	1,797,070
April .....	102	437,448	24,381	111,892	68,266	423,729	1,705,270
May .....	97	454,780	24,261	111,550	70,562	427,550	1,762,339
June .....	89	447,818	23,502	110,206	70,260	424,375	1,703,182
July .....	93	451,766	22,972	113,632	68,704	427,025	1,730,477
August .....	89	456,137	22,826	113,800	71,233	422,735	1,741,997
September .....	80	443,384	22,649	114,681	69,916	408,368	1,679,177
October .....	80	463,530	23,854	121,347	75,235	420,719	1,755,393
November .....	68	440,679	23,337	116,972	69,974	406,663	1,676,363
December .....	76	452,048	24,578	115,198	78,142	417,151	1,724,715
<b>Total</b> .....	<b>1,110</b>	<b>5,360,148</b>	<b>283,913</b>	<b>1,363,879</b>	<b>861,493</b>	<b>5,045,357</b>	<b>20,630,412</b>
<b>2002</b>							
January .....	75	<sup>E</sup> 442,832	24,544	117,851	<sup>E</sup> 79,940	<sup>E</sup> 375,638	<sup>E</sup> 1,698,291
February .....	69	<sup>E</sup> 393,418	22,492	109,212	<sup>E</sup> 73,835	<sup>E</sup> 338,819	<sup>E</sup> 1,516,890
March .....	71	<sup>E</sup> 442,965	24,655	118,039	<sup>E</sup> 78,423	<sup>E</sup> 386,080	<sup>E</sup> 1,703,826
April .....	74	<sup>E</sup> 429,360	23,114	115,733	<sup>E</sup> 74,107	<sup>E</sup> 377,724	<sup>E</sup> 1,633,870
May .....	73	<sup>E</sup> 448,105	23,968	120,648	<sup>E</sup> 73,343	<sup>E</sup> 399,564	<sup>E</sup> 1,706,306
June .....	73	<sup>E</sup> 437,640	22,596	116,345	<sup>E</sup> 74,616	<sup>E</sup> 399,273	<sup>E</sup> 1,662,741
July .....	93	<sup>E</sup> 449,035	23,215	120,006	<sup>E</sup> 73,137	<sup>E</sup> 412,913	<sup>E</sup> 1,720,288
August .....	68	<sup>E</sup> 448,785	23,713	114,873	<sup>E</sup> 74,714	<sup>E</sup> 415,006	<sup>E</sup> 1,702,437
September .....	80	<sup>E</sup> 423,542	22,197	117,216	<sup>E</sup> 74,451	<sup>E</sup> 339,167	<sup>E</sup> 1,586,025
October .....	70	<sup>E</sup> 450,709	23,940	124,690	<sup>E</sup> 79,703	<sup>E</sup> 313,546	<sup>E</sup> 1,628,816
November .....	65	<sup>E</sup> 438,289	23,622	128,412	<sup>E</sup> 76,485	<sup>E</sup> 405,000	<sup>E</sup> 1,685,430
December .....	165	<sup>E</sup> 447,127	24,092	133,666	<sup>E</sup> 82,300	<sup>E</sup> 408,871	<sup>E</sup> 1,723,987
<b>Total</b> .....	<b>978</b>	<b><sup>E</sup>5,251,807</b>	<b>282,147</b>	<b>1,436,692</b>	<b><sup>E</sup>915,055</b>	<b><sup>E</sup>4,571,601</b>	<b><sup>E</sup>19,968,906</b>
<b>2003</b>							
January .....	<sup>E</sup> 168	<sup>E</sup> 447,039	23,759	132,547	<sup>E</sup> 83,288	<sup>E</sup> 408,739	<sup>RE</sup> 1,756,277
February .....	<sup>E</sup> 152	<sup>E</sup> 405,902	21,511	118,544	<sup>E</sup> 78,139	<sup>E</sup> 360,164	<sup>RE</sup> 1,575,046
March .....	<sup>E</sup> 157	<sup>E</sup> 448,607	23,993	130,518	<sup>E</sup> 83,107	<sup>E</sup> 412,455	<sup>RE</sup> 1,768,497
April .....	<sup>E</sup> 148	<sup>E</sup> 425,355	22,719	123,604	<sup>E</sup> 78,547	<sup>E</sup> 402,281	<sup>RE</sup> 1,678,485
May .....	<sup>E</sup> 146	<sup>E</sup> 448,495	<sup>E</sup> 23,510	116,924	<sup>E</sup> 77,155	<sup>E</sup> 410,568	<sup>RE</sup> 1,728,184
June .....	<sup>E</sup> 137	<sup>E</sup> 433,918	22,139	120,000	<sup>E</sup> 79,634	<sup>E</sup> 388,772	<sup>E</sup> 1,664,090
<b>2003 YTD</b> .....	<b><sup>E</sup>908</b>	<b><sup>E</sup>2,609,316</b>	<b><sup>E</sup>137,630</b>	<b>742,137</b>	<b><sup>E</sup>479,870</b>	<b><sup>E</sup>2,382,979</b>	<b><sup>E</sup>10,170,579</b>
<b>2002 YTD</b> .....	<b>435</b>	<b><sup>E</sup>2,594,320</b>	<b>141,368</b>	<b>697,828</b>	<b><sup>E</sup>454,264</b>	<b><sup>E</sup>2,277,098</b>	<b><sup>E</sup>9,921,923</b>
<b>2001 YTD</b> .....	<b>624</b>	<b>2,652,603</b>	<b>143,697</b>	<b>668,249</b>	<b>428,289</b>	<b>2,542,696</b>	<b>10,322,291</b>

<sup>a</sup> Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2002 and later data monthly values for these States are estimated.

<sup>R</sup> Revised Data.

<sup>E</sup> Estimated Data.

<sup>RE</sup> Revised Estimated Data.

**Notes:** Data for 1997 through 2001 are final. All other data are preliminary

unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

**Sources:** 1997-2001: Energy Information Administration (EIA), *Natural Gas Annual 2001* and Minerals Management Service reports. January 2002 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

**Table 8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, June 2003**  
(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed <sup>a</sup>	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama .....	£30,684	£457	£31,141	£335	£1,363	£127	£29,316
Alaska .....	14,368	267,072	281,440	244,863	0	500	36,077
Arizona .....	23	0	23	0	0	0	23
California .....	7,521	23,481	31,001	2,121	293	142	28,445
Colorado .....	68,557	11,160	79,717	797	0	100	78,820
Florida .....	0	317	317	0	36	0	280
Kansas .....	33,579	0	33,579	57	0	34	33,488
Louisiana .....	£95,871	£17,650	£113,520	£955	£0	£775	£111,791
Michigan .....	14,174	3,544	17,718	125	0	177	17,416
Mississippi .....	12,760	407	13,167	508	1,309	285	11,065
Montana .....	6,174	648	6,822	0	0	33	6,788
New Mexico .....	£107,955	£16,642	£124,597	£725	0	£170	£123,702
North Dakota .....	5,976	0	5,976	0	11	161	5,804
Oklahoma .....	£123,377	£13,098	£136,475	£0	£0	£0	£136,475
Oregon .....	£137	0	£137	0	0	0	£137
Texas .....	£389,152	£94,163	£483,315	£36,405	£10,982	£2,010	£433,918
Utah .....	21,025	2,521	23,547	169	1,186	52	22,139
Wyoming .....	130,639	14,926	145,565	8,966	15,506	1,092	120,000
Other States .....	£77,910	£2,359	£80,269	£0	£477	£159	£79,634
Federal Gulf of Mexico .....	£388,772	£0	£388,772	£0	£0	£0	£388,772
<b>Total .....</b>	<b>£1,528,653</b>	<b>£468,445</b>	<b>£1,997,097</b>	<b>£296,026</b>	<b>£31,163</b>	<b>£5,819</b>	<b>£1,664,090</b>

<sup>a</sup> See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

<sup>£</sup> Estimated Data.

**Notes:** All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components

because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

**Source:** Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" and EIA estimates.

**Table 9. Underground Natural Gas Storage - All Operators, 1997-2003**

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total <sup>b</sup>	Volume	Percent	Injections	Withdrawals	Net Withdrawals <sup>c</sup>
<b>1997 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,800</b>	<b>2,824</b>	<b>24</b>
<b>1998 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,905</b>	<b>2,379</b>	<b>-526</b>
<b>1999 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,598</b>	<b>2,772</b>	<b>174</b>
<b>2000 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,684</b>	<b>3,498</b>	<b>814</b>
<b>2001</b>								
January .....	4,344	1,265	5,609	-495	-28.1	92	588	496
February .....	4,328	912	5,241	-391	-30.0	74	414	339
March .....	4,300	742	5,042	-412	-35.7	116	298	183
April .....	4,261	992	5,253	-210	-17.5	349	70	-279
May .....	4,309	1,440	5,749	7	0.5	520	41	-479
June .....	4,310	1,882	6,193	165	9.6	490	49	-441
July .....	4,315	2,261	6,576	258	12.9	451	66	-385
August .....	4,313	2,576	6,889	377	17.1	386	79	-307
September .....	4,318	2,944	7,262	450	18.0	413	41	-372
October .....	4,310	3,144	7,454	412	15.1	282	93	-190
November .....	4,301	3,254	7,555	812	33.2	210	138	-73
December .....	4,301	2,904	7,204	1,185	68.9	80	432	352
<b>Total</b> .....	—	—	—	—	—	<b>3,464</b>	<b>2,309</b>	<b>-1,156</b>
<b>2002</b>								
January .....	4,313	2,344	6,657	1,078	85.2	59	605	546
February .....	4,356	1,838	6,194	925	101.4	55	517	462
March .....	4,355	1,518	5,873	776	104.7	105	425	320
April .....	4,355	1,659	6,014	666	67.1	237	111	-126
May .....	4,361	1,968	6,329	528	36.7	381	58	-323
June .....	4,355	2,308	6,663	426	22.6	395	56	-339
July .....	4,358	2,539	6,896	278	12.3	341	101	-239
August .....	4,357	2,773	7,130	198	7.7	322	89	-234
September .....	4,342	3,042	7,384	97	3.3	364	72	-292
October .....	4,342	3,116	7,458	-28	-0.9	229	145	-84
November .....	4,344	2,929	7,273	-325	-10.0	124	322	198
December .....	4,340	2,375	6,715	-528	-18.2	66	624	558
<b>Total</b> .....	—	—	—	—	—	<b>2,679</b>	<b>3,126</b>	<b>447</b>
<b>2003</b>								
January .....	4,342	1,534	5,876	-810	-34.5	44	886	841
February .....	4,334	864	5,198	-974	-53.0	48	723	676
March .....	4,324	730	5,054	-788	-51.9	169	305	136
April .....	4,315	896	5,211	-763	-46.0	277	118	-158
May .....	4,322	1,300	5,622	-668	-33.9	453	41	-412
June .....	4,323	1,768	6,091	-540	-23.4	506	36	-470
July .....	4,323	2,129	6,451	-410	-16.1	426	64	-361
August .....	4,324	2,435	6,760	-338	-12.2	371	62	-309

<sup>a</sup> Total as of December 31.<sup>b</sup> Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1997 - 8,332; 1998 - 8,179; 1999 - 8,229; 2000 - 8,241; and 2001 - 8,415.<sup>c</sup> Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

**Notes:** Data for 1997 through 2001 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion

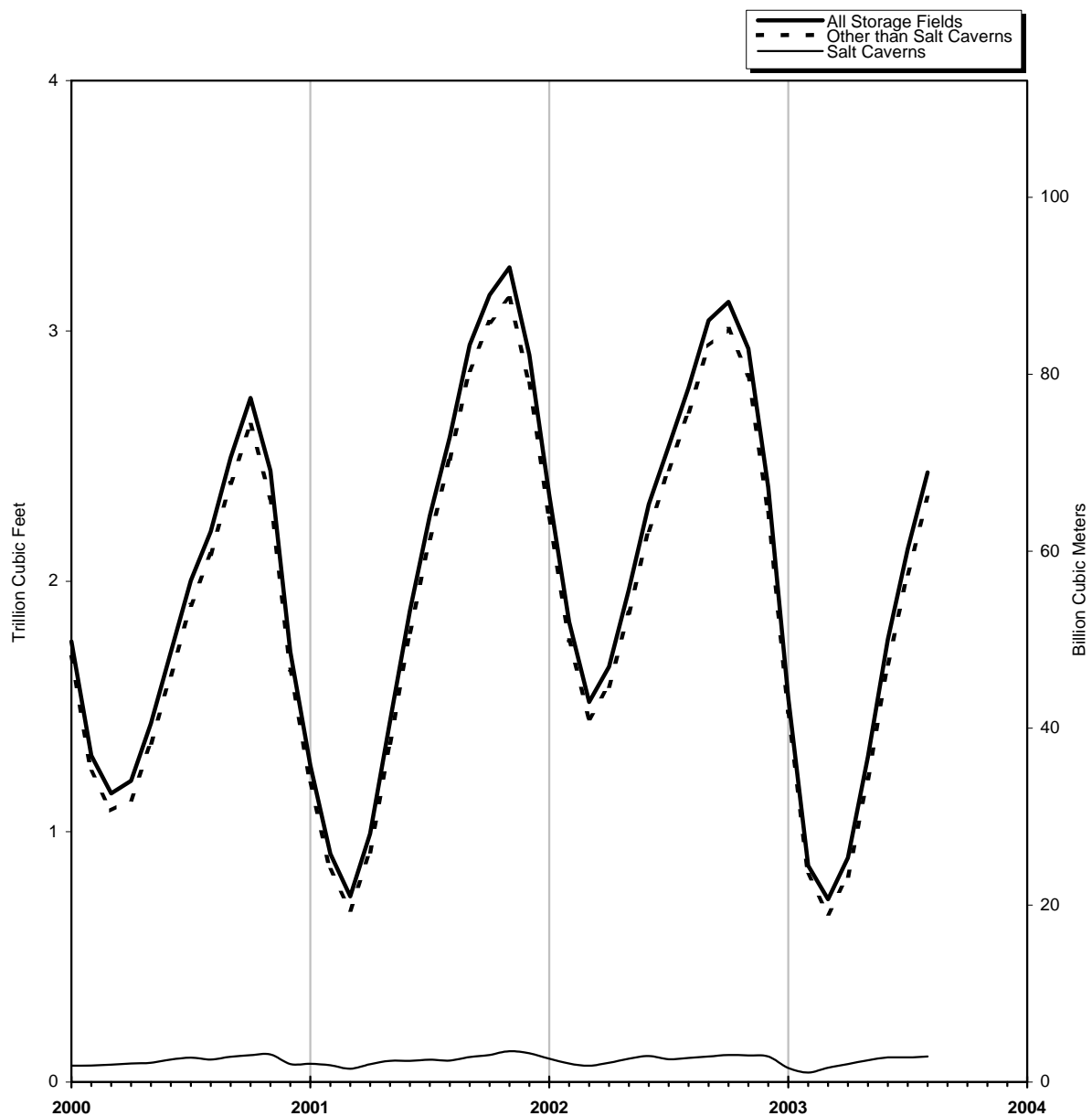
of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."



Figure 5

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 2000-2003



Sources: Tables 10, 11 and 12.

**Table 10. Underground Natural Gas Storage - by Season, 2000-2003**

(Volumes in Billion Cubic Feet)

Year, Season and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals <sup>a</sup>
<b>October 2000</b> .....	4,360	2,732	7,092	-345	-11.1	329	88	-241
<b>2000-2001 Heating Season</b>								
November .....	4,361	2,442	6,803	-628	-20.3	108	396	288
December .....	4,352	1,719	6,071	-806	-31.9	66	785	720
January .....	4,344	1,265	5,609	-495	-28.1	92	588	496
February .....	4,328	912	5,241	-391	-30.0	74	414	339
March .....	4,300	742	5,042	-412	-35.7	116	298	183
<b>Total</b> .....	—	—	—	—	—	<b>455</b>	<b>2,481</b>	<b>2,026</b>
<b>2001 Refill Season</b>								
April .....	4,261	992	5,253	-210	-17.5	349	70	-279
May .....	4,309	1,440	5,749	7	0.5	520	41	-479
June .....	4,310	1,882	6,193	165	9.6	490	49	-441
July .....	4,315	2,261	6,576	258	12.9	451	66	-385
August .....	4,313	2,576	6,889	377	17.1	386	79	-307
September .....	4,318	2,944	7,262	450	18.0	413	41	-372
October .....	4,310	3,144	7,454	412	15.1	282	93	-190
<b>Total</b> .....	—	—	—	—	—	<b>2,892</b>	<b>439</b>	<b>-2,453</b>
<b>2001-2002 Heating Season</b>								
November .....	4,301	3,254	7,555	812	33.2	210	138	-73
December .....	4,301	2,904	7,204	1,185	68.9	80	432	352
January .....	4,313	2,344	6,657	1,078	85.2	59	605	546
February .....	4,356	1,838	6,194	925	101.4	55	517	462
March .....	4,355	1,518	5,873	776	104.7	105	425	320
<b>Total</b> .....	—	—	—	—	—	<b>510</b>	<b>2,117</b>	<b>1,607</b>
<b>2002 Refill Season</b>								
April .....	4,355	1,659	6,014	666	67.1	237	111	-126
May .....	4,361	1,968	6,329	528	36.7	381	58	-323
June .....	4,355	2,308	6,663	426	22.6	395	56	-339
July .....	4,358	2,539	6,896	278	12.3	341	101	-239
August .....	4,357	2,773	7,130	198	7.7	322	89	-234
September .....	4,342	3,042	7,384	97	3.3	364	72	-292
October .....	4,342	3,116	7,458	-28	-0.9	229	145	-84
<b>Total</b> .....	—	—	—	—	—	<b>2,269</b>	<b>633</b>	<b>-1,636</b>
<b>2002-2003 Heating Season</b>								
November .....	4,344	2,929	7,273	-325	-10.0	124	322	198
December .....	4,340	2,375	6,715	-528	-18.2	66	624	558
January .....	4,342	1,534	5,876	-810	-34.5	44	886	841
February .....	4,334	864	5,198	-974	-53.0	48	723	676
March .....	4,324	730	5,054	-788	-51.9	169	305	136
<b>Total</b> .....	—	—	—	—	—	<b>451</b>	<b>2,859</b>	<b>2,408</b>
<b>2003 Refill Season</b>								
April .....	4,315	896	5,211	-763	-46.0	277	118	-158
May .....	4,322	1,300	5,622	-668	-33.9	453	41	-412
June .....	4,323	1,768	6,091	-540	-23.4	506	36	-470
July .....	4,323	2,129	6,451	-410	-16.1	426	64	-361
August .....	4,324	2,435	6,760	-338	-12.2	371	62	-309

<sup>a</sup> Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

**Notes:** Data through 2001 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period

to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1997-2003**  
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
<b>1997 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>267</b>	<b>274</b>	<b>6</b>
<b>1998 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>297</b>	<b>275</b>	<b>-22</b>
<b>1999 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>260</b>	<b>259</b>	<b>-1</b>
<b>2000 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>296</b>	<b>320</b>	<b>24</b>
<b>2001</b>								
January .....	71	73	144	9	13.5	32	30	-2
February .....	69	67	136	1	1.1	19	24	5
March .....	69	53	122	-16	-23.6	20	35	15
April .....	69	71	140	-3	-4.4	32	15	-17
May .....	71	85	156	8	10.4	30	14	-15
June .....	71	85	155	-5	-5.1	26	26	0
July .....	71	89	160	-8	-8.4	30	27	-3
August .....	71	86	157	-2	-2.7	29	30	1
September .....	71	100	171	0	-0.3	35	19	-16
October .....	71	108	180	1	0.8	35	25	-10
November .....	77	123	200	13	11.6	35	21	-14
December .....	77	115	191	43	59.4	19	28	9
<b>Total</b> .....	—	—	—	—	—	<b>341</b>	<b>294</b>	<b>-47</b>
<b>2002</b>								
January .....	77	93	170	19	26.2	24	46	22
February .....	77	74	151	7	10.9	20	38	18
March .....	77	65	142	12	22.3	27	36	9
April .....	77	77	154	6	8.1	29	17	-12
May .....	77	93	171	8	9.7	35	19	-16
June .....	77	104	181	19	22.2	32	21	-10
July .....	80	91	171	2	2.7	29	36	7
August .....	80	96	176	10	11.3	32	27	-5
September .....	81	102	184	2	2.2	34	27	-7
October .....	82	108	190	0	0.1	38	31	-7
November .....	75	106	181	-18	-14.3	29	28	0
December .....	75	102	177	-13	-10.9	30	35	4
<b>Total</b> .....	—	—	—	—	—	<b>359</b>	<b>361</b>	<b>2</b>
<b>2003</b>								
January .....	76	56	133	-36	-39.1	21	65	43
February .....	76	38	114	-37	-49.3	25	42	18
March .....	75	57	132	-8	-11.7	39	21	-18
April .....	75	72	147	-5	-6.1	34	19	-14
May .....	75	87	162	-6	-6.7	35	20	-15
June .....	75	98	172	-6	-5.7	31	20	-11
July .....	75	98	173	7	7.7	31	30	-1
August .....	75	102	177	7	6.8	27	24	-3

<sup>a</sup> Total as of December 31.

— Not Applicable.

**Notes:** Data for 1997 through 2001 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1997-2003**

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
<b>1997 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,533</b>	<b>2,551</b>	<b>18</b>
<b>1998 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,608</b>	<b>2,103</b>	<b>-504</b>
<b>1999 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,338</b>	<b>2,512</b>	<b>175</b>
<b>2000 Total<sup>a</sup></b> .....	—	—	—	—	—	<b>2,388</b>	<b>3,178</b>	<b>790</b>
<b>2001</b>								
January .....	4,273	1,192	5,465	-504	-29.7	60	558	498
February .....	4,259	846	5,105	-392	-31.5	55	389	334
March .....	4,232	688	4,920	-396	-36.3	96	264	168
April .....	4,192	921	5,113	-208	-17.0	317	55	-262
May .....	4,239	1,355	5,594	-1	0.4	490	26	-464
June .....	4,239	1,798	6,037	171	11.2	464	23	-441
July .....	4,245	2,172	6,417	266	14.4	421	39	-382
August .....	4,242	2,490	6,732	380	18.5	358	49	-308
September .....	4,247	2,844	7,091	450	19.9	378	22	-356
October .....	4,238	3,036	7,274	411	15.7	248	68	-180
November .....	4,224	3,131	7,354	799	34.3	176	117	-59
December .....	4,224	2,789	7,013	1,142	69.3	61	404	343
<b>Total</b> .....	—	—	—	—	—	<b>3,123</b>	<b>2,015</b>	<b>-1,108</b>
<b>2002</b>								
January .....	4,236	2,251	6,487	1,059	88.8	36	560	524
February .....	4,279	1,764	6,043	918	108.6	35	479	444
March .....	4,278	1,453	5,731	764	111.0	78	389	311
April .....	4,278	1,582	5,860	661	71.7	208	94	-114
May .....	4,284	1,875	6,159	520	38.4	346	39	-307
June .....	4,278	2,205	6,483	407	22.6	363	35	-328
July .....	4,278	2,448	6,725	275	12.7	312	65	-247
August .....	4,277	2,678	6,954	188	7.5	290	62	-228
September .....	4,261	2,939	7,201	95	3.3	330	45	-285
October .....	4,260	3,008	7,268	-28	-0.9	191	114	-77
November .....	4,269	2,823	7,092	-308	-9.8	95	293	198
December .....	4,265	2,273	6,539	-516	-18.5	36	590	554
<b>Total</b> .....	—	—	—	—	—	<b>2,320</b>	<b>2,765</b>	<b>445</b>
<b>2003</b>								
January .....	4,265	1,478	5,743	-773	-34.3	23	821	798
February .....	4,258	826	5,084	-938	-53.2	23	681	658
March .....	4,249	673	4,922	-780	-53.7	130	284	154
April .....	4,240	824	5,064	-758	-47.9	243	99	-144
May .....	4,247	1,213	5,461	-662	-35.3	418	21	-397
June .....	4,248	1,671	5,919	-534	-24.2	474	15	-459
July .....	4,248	2,031	6,279	-417	-17.0	395	35	-360
August .....	4,250	2,333	6,583	-345	-12.9	343	37	-306

<sup>a</sup> Total as of December 31.

— Not Applicable.

**Notes:** Data for 1997 through 2001 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 13. Net Withdrawals from Underground Storage, by State, 2001-2003**  
(Volumes in Million Cubic Feet)

State	2003					
	August	July	June	May	April	March
Alabama .....	-144	-779	-742	-990	-797	-456
Arkansas .....	-977	-752	-741	-632	-209	341
California .....	-9,889	-12,996	-30,296	-27,859	-13,402	12,130
Colorado .....	-6,122	-3,424	-4,683	638	773	2,924
Illinois .....	-28,871	-32,362	-32,673	-29,399	-8,980	11,028
Indiana .....	-2,907	-2,862	-3,017	-1,609	158	1,946
Iowa .....	-12,884	-10,709	-5,103	-3,694	-80	4,895
Kansas .....	-9,840	-9,728	-18,311	-11,018	-521	-4,997
Kentucky .....	-7,289	-9,214	-13,017	-9,916	-2,675	3,213
Louisiana .....	-20,684	-23,420	-33,846	-28,994	-11,766	7,692
Maryland .....	-110	-1,363	-2,816	-2,534	-750	-124
Michigan .....	-73,438	-92,383	-84,460	-71,124	-20,439	42,692
Minnesota .....	-259	-331	-309	0	0	199
Mississippi .....	-944	-7,197	-8,962	-8,651	-1,746	-8,327
Missouri .....	25	23	27	-1,524	445	170
Montana .....	-1,983	-2,317	-1,720	-1,041	-179	3,666
Nebraska .....	651	1,146	-1,004	-537	-248	504
New Mexico .....	-619	346	-605	45	-471	184
New York .....	-9,714	-11,871	-13,110	-9,786	-4,999	6,003
Ohio .....	-26,603	-31,747	-31,526	-31,723	-9,789	10,463
Oklahoma .....	-10,965	-11,064	-24,846	-23,041	-9,198	13,335
Oregon .....	-2,140	-2,348	-3,529	-113	1,174	2,426
Pennsylvania .....	-37,772	-39,413	-61,273	-69,939	-15,724	8,917
Tennessee .....	-95	-75	0	-35	0	68
Texas .....	-14,729	-20,073	-45,027	-34,335	-32,473	5,851
Utah .....	-2,011	-1,037	-4,308	-4,476	-7,759	1,240
Virginia .....	-823	-412	-475	-447	-268	179
Washington .....	-2,957	-1,140	-2,415	-4,927	-412	-624
West Virginia .....	-22,726	-32,032	-38,730	-32,162	-16,008	5,161
Wyoming .....	-2,016	-1,955	-2,139	-2,151	-2,118	4,899
<b>AGA Regions</b>						
Producing .....	-58,903	-72,668	-133,079	-107,616	-57,180	13,624
Eastern Consuming .....	-222,556	-263,274	-287,177	-264,428	-79,357	95,115
Western Consuming .....	-27,376	-25,547	-49,399	-39,930	-21,924	26,859
<b>Total</b> .....	<b>-308,835</b>	<b>-361,489</b>	<b>-469,656</b>	<b>-411,974</b>	<b>-158,461</b>	<b>135,599</b>

See footnotes at end of table.

**Table 13. Net Withdrawals from Underground Storage, by State, 2001-2003**

(Volumes in Million Cubic Feet) — Continued

State	2003		2002				
	February	January	Total	December	November	October	September
Alabama .....	-420	1,789	-560	142	-396	-128	-64
Arkansas .....	1,409	1,836	369	870	164	-19	-393
California .....	49,464	33,248	15,006	42,090	-3,132	-8,108	-4,707
Colorado .....	8,432	4,213	1,136	2,050	-216	860	-4,010
Illinois .....	50,338	70,407	18,753	52,256	19,257	-29,678	-38,523
Indiana .....	5,301	7,519	1,502	3,787	-35	-2,819	-3,096
Iowa .....	13,459	21,778	4,260	19,193	-3,202	-12,941	-12,563
Kansas .....	20,396	25,657	18,212	15,396	10,896	2,224	-11,061
Kentucky .....	17,123	21,305	9,663	9,187	4,857	-1,870	-6,208
Louisiana .....	55,201	66,838	35,910	33,271	30,071	-6,114	-37,513
Maryland .....	4,003	4,738	-701	416	80	143	44
Michigan .....	128,637	157,642	100,037	97,960	46,438	-12,987	-49,663
Minnesota .....	504	659	4	6	-85	-198	-299
Mississippi .....	7,791	16,204	2,987	3,567	-381	1,973	89
Missouri .....	555	1,218	-413	-118	-272	-294	-781
Montana .....	4,732	4,353	-5,924	3,473	1,917	69	-4,292
Nebraska .....	1,512	1,170	1,104	762	55	0	-922
New Mexico .....	1,728	424	8,646	1,915	1,324	706	-486
New York .....	17,730	22,151	12,907	15,589	3,803	-1,638	-5,554
Ohio .....	43,314	62,002	27,849	46,655	17,321	-6,959	-22,382
Oklahoma .....	32,780	38,560	36,056	22,334	9,679	3,302	-6,868
Oregon .....	2,367	2,570	-1,684	1,198	-918	-503	-690
Pennsylvania .....	77,271	119,623	50,587	75,625	9,413	-4,996	-37,856
Tennessee .....	110	62	69	0	88	2	3
Texas .....	72,434	77,260	71,631	51,254	31,438	-9,965	-19,950
Utah .....	8,305	7,036	-2,187	7,272	3,375	401	-3,633
Virginia .....	496	978	393	488	274	-222	-301
Washington .....	7,520	3,221	-362	1,092	-1,335	1,698	-1,487
West Virginia .....	37,668	61,978	43,394	44,494	14,592	3,632	-16,735
Wyoming .....	5,576	4,741	-1,250	5,800	2,629	291	-1,837
<b>AGA Regions</b>							
Producing .....	191,320	228,568	173,250	128,748	82,796	-8,020	-76,245
Eastern Consuming .....	397,516	552,572	269,404	366,294	112,668	-70,626	-194,538
Western Consuming .....	86,900	60,042	4,737	62,981	2,236	-5,490	-20,955
<b>Total</b> .....	<b>675,736</b>	<b>841,183</b>	<b>447,391</b>	<b>558,024</b>	<b>197,700</b>	<b>-84,135</b>	<b>-291,738</b>

See footnotes at end of table.

**Table 13. Net Withdrawals from Underground Storage, by State, 2001-2003**

(Volumes in Million Cubic Feet) — Continued

State	2002						
	August	July	June	May	April	March	February
Alabama .....	-97	-250	2	-100	-257	271	108
Arkansas .....	-390	-340	-463	-504	-47	235	770
California .....	300	-7,074	-12,551	-20,711	-20,680	5,245	4,939
Colorado .....	-6,603	-3,949	-3,290	700	-2,247	5,766	7,182
Illinois .....	-36,355	-28,449	-37,470	-26,234	8,790	26,990	49,634
Indiana .....	-2,706	-3,524	-2,988	-1,452	1,997	3,589	4,666
Iowa .....	-12,477	-12,189	-4,981	-701	363	7,122	15,015
Kansas .....	-9,211	-2,974	-11,587	-17,806	-6,721	12,651	17,130
Kentucky .....	-5,606	-4,142	-7,907	-9,766	400	10,669	11,384
Louisiana .....	-13,157	-6,555	-19,113	-33,062	-11,352	18,770	39,103
Maryland .....	-2,104	-2,618	-2,504	-780	427	2,121	1,352
Michigan .....	-54,020	-51,389	-58,362	-39,468	-10,433	74,426	73,014
Minnesota .....	-288	-276	0	0	134	375	332
Mississippi .....	-4,789	-2,822	-6,879	-8,184	-1,528	4,016	8,337
Missouri .....	-1,096	18	13	10	215	1,089	825
Montana .....	-5,185	-6,590	-3,915	-1,879	707	3,605	2,765
Nebraska .....	-705	238	-601	-1,036	-261	1,628	679
New Mexico .....	755	366	1,211	-1,304	87	1,131	1,655
New York .....	-5,554	-7,710	-11,015	-6,751	-1,459	7,783	10,978
Ohio .....	-27,004	-30,971	-32,067	-25,799	-9,911	33,060	44,426
Oklahoma .....	2,172	-985	-13,006	-25,468	-13,141	13,099	20,976
Oregon .....	-2,120	-2,679	-3,182	491	1,648	2,859	787
Pennsylvania .....	-24,677	-29,850	-49,766	-41,830	-16,389	46,264	62,974
Tennessee .....	4	15	2	7	0	-1	-1
Texas .....	9,023	-142	-14,881	-23,862	-25,965	10,269	27,590
Utah .....	-6,336	-6,807	-7,112	-7,913	-3,510	2,811	7,407
Virginia .....	-146	-274	-289	-537	-160	383	677
Washington .....	-956	-620	-2,918	-4,057	-3,810	849	4,145
West Virginia .....	-20,483	-22,527	-29,037	-22,101	-10,731	20,896	39,632
Wyoming .....	-3,702	-4,164	-3,920	-2,877	-2,081	2,175	3,197
<b>AGA Regions</b>							
Producing .....	-15,694	-13,701	-64,716	-110,290	-58,923	60,442	115,667
Eastern Consuming .....	-192,929	-193,372	-236,972	-176,437	-37,154	236,020	315,254
Western Consuming .....	-24,891	-32,159	-36,888	-36,245	-29,838	23,685	30,755
<b>Total</b> .....	<b>-233,514</b>	<b>-239,233</b>	<b>-338,575</b>	<b>-322,972</b>	<b>-125,916</b>	<b>320,146</b>	<b>461,676</b>

See footnotes at end of table.

**Table 13. Net Withdrawals from Underground Storage, by State, 2001-2003**

(Volumes in Million Cubic Feet) — Continued

State	2002	2001					
	January	Total	December	November	October	September	August
Alabama .....	210	-1,499	-14	-522	-293	-366	-113
Arkansas .....	486	-2,874	513	-87	-338	-579	-505
California .....	39,393	-64,674	25,035	616	-14,716	-9,559	-11,195
Colorado .....	4,892	-7,080	1,520	-106	706	-5,115	-4,593
Illinois .....	58,536	-25,587	46,435	-726	-25,879	-33,020	-23,439
Indiana .....	4,084	-5,910	3,832	-2,310	-4,094	-4,087	-2,954
Iowa .....	21,622	-21,435	17,655	-3,054	-11,915	-13,993	-13,804
Kansas .....	19,274	-45,586	12,165	-4,343	-1,160	-17,194	-7,456
Kentucky .....	8,665	-38,209	6,123	-52	-5,254	-9,115	-6,489
Louisiana .....	41,561	-150,239	23,713	-20,241	-11,123	-34,949	-13,447
Maryland .....	2,722	-5,307	1,508	-71	-1,349	-1,221	409
Michigan .....	84,521	-203,022	65,526	-8,403	-41,694	-75,897	-79,599
Minnesota .....	304	-713	3	-135	-174	-232	-266
Mississippi .....	9,588	-20,286	4,212	-2,502	1,082	-4,069	-1,981
Missouri .....	-24	-799	266	-255	-247	-348	-589
Montana .....	3,400	-9,198	3,874	496	-1,576	-4,853	-4,966
Nebraska .....	1,267	-2,349	831	-45	-361	-1,250	-364
New Mexico .....	1,285	-9,425	651	-1,107	-206	-932	6
New York .....	14,435	-17,144	8,569	-1,338	-3,375	-6,342	-6,260
Ohio .....	41,480	-62,723	30,969	2,925	-9,862	-26,448	-32,365
Oklahoma .....	23,962	-87,215	11,048	-2,691	-3,992	-17,988	-8,939
Oregon .....	1,424	-2,619	1,572	-766	0	-845	-1,860
Pennsylvania .....	61,675	-93,763	48,276	-9,610	-18,104	-39,316	-25,643
Tennessee .....	-50	-337	1	-30	-100	-62	-47
Texas .....	36,821	-172,746	-55	-15,137	-21,142	-28,804	-23,960
Utah .....	11,857	-12,738	9,554	3,157	-291	-7,384	-5,941
Virginia .....	500	-1,341	277	-27	-32	-271	-322
Washington .....	7,037	-2,821	-102	145	1,030	-1,450	-1,343
West Virginia .....	41,761	-79,233	25,054	-5,366	-12,943	-22,526	-25,976
Wyoming .....	3,239	-8,701	2,853	-1,031	-2,112	-3,717	-3,169
<b>AGA Regions</b>							
Producing .....	133,186	-489,871	52,233	-46,629	-37,173	-104,882	-56,394
Eastern Consuming .....	341,195	-557,160	255,322	-28,361	-135,210	-233,897	-217,442
Western Consuming .....	71,547	-108,544	44,308	2,376	-17,133	-33,154	-33,334
<b>Total</b> .....	<b>545,928</b>	<b>-1,155,575</b>	<b>351,862</b>	<b>-72,614</b>	<b>-189,516</b>	<b>-371,933</b>	<b>-307,170</b>

**Notes:** This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2001 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly

estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

**Source:** Form EIA-191, "Monthly Underground Gas Storage Report."



**Table 14. Activities of Underground Natural Gas Storage Operators, by State,  
August 2003**  
(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama .....	8,520	2,475	4,816	7,290	2,392	98.7	633	489
Arkansas .....	22,000	8,715	6,095	14,810	-899	-12.8	977	0
California .....	478,995	232,652	183,605	416,257	-26,184	-12.5	13,748	3,859
Colorado .....	101,055	47,551	30,266	77,817	-3,292	-9.8	6,442	320
Illinois .....	901,274	666,338	203,533	869,871	-2,890	-1.4	30,609	1,738
Indiana .....	111,095	79,019	22,816	101,835	-2,637	-10.4	3,011	104
Iowa .....	273,200	199,550	39,505	239,055	4,021	11.3	12,890	6
Kansas .....	299,474	178,424	75,589	254,013	-9,271	-10.9	11,464	1,624
Kentucky .....	220,597	139,761	58,966	198,727	-5,948	-9.2	7,647	358
Louisiana .....	587,116	269,278	180,725	450,003	-51,819	-22.3	33,965	13,281
Maryland .....	62,000	46,677	12,796	59,474	-1,727	-11.9	407	297
Michigan .....	1,075,261	445,738	399,614	845,352	-78,549	-16.4	74,711	1,274
Minnesota .....	7,000	4,840	1,607	6,447	32	2.1	329	70
Mississippi .....	144,787	80,375	55,779	136,154	6,307	12.7	4,622	3,678
Missouri .....	32,098	21,600	9,546	31,146	524	5.8	0	25
Montana .....	374,201	179,203	22,454	201,657	-6,352	-22.1	3,992	2,010
Nebraska .....	39,469	26,490	2,371	28,861	-2,583	-52.1	84	735
New Mexico .....	89,800	29,766	8,326	38,091	-1,453	-14.9	1,298	678
New York .....	190,157	99,013	68,573	167,586	-122	-0.2	10,243	529
Ohio .....	573,709	347,898	145,085	492,983	-22,519	-13.4	27,054	452
Oklahoma .....	389,947	208,028	95,620	303,648	-34,718	-26.6	15,489	4,524
Oregon .....	23,676	9,714	12,246	21,959	1,318	12.1	2,140	0
Pennsylvania .....	714,417	339,876	304,414	644,290	-28,830	-8.7	43,637	5,865
Tennessee .....	1,200	340	460	800	-145	-24.0	95	0
Texas .....	699,472	235,865	239,425	475,289	-52,075	-17.9	31,659	16,930
Utah .....	129,480	64,703	40,093	104,796	-4,494	-10.1	4,526	2,516
Virginia .....	6,344	2,759	2,710	5,469	388	16.7	823	0
Washington .....	38,969	19,886	17,791	37,676	335	1.9	3,144	187
West Virginia .....	509,836	272,999	167,434	440,434	-4,972	-2.9	22,813	86
Wyoming .....	115,069	64,834	22,960	87,794	-11,999	-34.3	2,240	225
<b>AGA Regions</b>								
Producing .....	2,241,115	1,012,925	666,374	1,679,299	-141,536	-17.5	100,108	41,205
Eastern Consuming .....	4,710,657	2,688,058	1,437,822	4,125,880	-145,989	-9.2	234,024	11,468
Western Consuming .....	1,268,444	623,382	331,021	954,404	-50,637	-13.3	36,563	9,187
<b>Total</b> .....	<b>8,220,216</b>	<b>4,324,366</b>	<b>2,435,218</b>	<b>6,759,583</b>	<b>-338,162</b>	<b>-12.2</b>	<b>370,695</b>	<b>61,860</b>

**Notes:** Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region

is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

**Source:** Form EIA-191, "Monthly Underground Gas Storage Report."

**Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003**  
(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				July	June	May
Alabama .....	33,994	30,959	37,631	1,511	1,265	1,828
Alaska .....	NA	10,418	8,826	NA	NA	932
Arizona .....	24,082	25,675	26,402	1,104	1,344	2,057
Arkansas .....	28,457	27,468	24,925	831	923	1,480
California .....	305,153	330,686	336,240	24,550	27,248	35,696
Colorado .....	73,088	NA	88,624	2,725	3,771	5,586
Connecticut .....	32,261	26,077	27,662	1,169	1,669	2,588
Delaware .....	7,795	6,194	7,068	214	346	529
District of Columbia .....	10,077	7,976	9,839	295	351	573
Florida .....	11,328	10,138	11,205	762	826	986
Georgia .....	81,827	73,906	79,649	3,677	<sup>R</sup> 3,853	4,659
Hawaii .....	329	323	324	42	41	48
Idaho .....	12,592	13,809	13,211	414	634	1,406
Illinois .....	312,699	289,455	281,389	9,924	11,730	17,469
Indiana .....	107,327	99,874	102,632	2,655	4,081	6,634
Iowa .....	NA	45,951	50,768	1,412	1,816	3,119
Kansas .....	NA	47,867	53,132	1,456	1,695	2,789
Kentucky .....	41,232	35,157	36,575	1,166	1,235	1,445
Louisiana .....	NA	37,101	34,527	1,798	1,624	2,209
Maine .....	755	NA	649	26	29	56
Maryland .....	60,581	45,985	53,971	1,838	2,346	3,877
Massachusetts .....	92,180	73,159	80,529	2,916	4,531	7,763
Michigan .....	267,693	239,155	241,860	7,722	11,280	20,811
Minnesota .....	89,135	82,478	83,917	2,704	2,820	5,547
Mississippi .....	NA	18,850	20,881	710	781	1,060
Missouri .....	83,452	78,220	87,253	2,311	3,497	4,749
Montana .....	13,030	14,049	13,285	441	642	1,260
Nebraska .....	28,984	29,283	33,912	876	1,068	1,730
Nevada .....	21,463	21,725	21,269	1,114	1,221	2,114
New Hampshire .....	5,769	4,647	4,954	171	278	499
New Jersey .....	170,925	130,546	149,860	5,624	7,239	12,194
New Mexico .....	NA	22,893	26,585	828	1,001	1,623
New York .....	NA	243,725	269,134	10,436	15,806	26,800
North Carolina .....	46,603	37,710	41,233	1,183	1,512	2,625
North Dakota .....	7,470	7,165	6,543	201	227	462
Ohio .....	237,011	210,656	219,285	8,615	9,196	15,246
Oklahoma .....	46,542	47,954	49,059	1,450	1,832	2,937
Oregon .....	25,518	27,067	26,438	997	1,600	3,058
Pennsylvania .....	187,036	151,612	173,027	5,316	7,568	12,305
Rhode Island .....	15,006	12,239	13,602	495	812	1,418
South Carolina .....	21,742	18,812	20,994	536	636	1,170
South Dakota .....	8,646	8,228	8,335	245	348	585
Tennessee .....	53,707	48,738	50,981	1,279	1,494	2,251
Texas .....	146,747	144,409	145,334	5,843	6,514	8,529
Utah .....	32,484	36,047	32,858	1,359	1,540	2,489
Vermont .....	2,247	1,884	2,035	65	95	188
Virginia .....	57,044	44,658	50,892	1,585	1,860	2,725
Washington .....	NA	50,960	48,163	NA	2,896	5,102
West Virginia .....	NA	21,440	22,166	NA	744	<sup>R</sup> 1,187
Wisconsin .....	92,786	84,514	84,763	2,673	3,301	5,758
Wyoming .....	7,637	NA	7,203	241	400	497
<b>Total .....</b>	<b>3,475,482</b>	<b>3,164,330</b>	<b>3,321,599</b>	<b>128,331</b>	<b><sup>R</sup>160,138</b>	<b><sup>R</sup>250,649</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003**  
(Million Cubic Feet) — Continued

State	2003				2002	
	April	March	February	January	Total	December
Alabama .....	3,125	5,999	9,811	10,454	44,311	7,294
Alaska .....	1,328	2,046	1,705	2,216	16,732	2,144
Arizona .....	2,963	4,852	4,836	6,926	35,631	4,375
Arkansas .....	3,043	6,369	8,066	7,745	39,142	5,753
California .....	45,497	50,395	60,278	61,487	511,078	65,607
Colorado .....	8,598	14,554	19,901	17,952	NA	19,113
Connecticut .....	4,140	5,900	8,437	8,359	<sup>R</sup> 40,491	6,576
Delaware .....	955	1,548	1,995	2,206	9,105	1,492
District of Columbia .....	1,053	1,714	2,677	3,415	14,055	2,737
Florida .....	1,205	1,614	2,867	3,069	15,220	1,928
Georgia .....	7,233	12,040	20,574	29,792	127,872	25,175
Hawaii .....	47	49	50	51	539	48
Idaho .....	1,862	2,480	2,765	3,030	20,380	2,740
Illinois .....	35,326	59,657	82,312	96,280	465,543	74,419
Indiana .....	10,602	18,731	29,190	35,434	155,738	26,877
Iowa .....	5,598	10,447	NA	13,968	71,486	11,126
Kansas .....	6,300	12,405	NA	16,114	71,002	10,617
Kentucky .....	3,600	6,923	12,058	14,805	60,304	12,830
Louisiana .....	2,950	NA	10,885	11,284	<sup>R</sup> 53,675	8,047
Maine .....	106	161	177	199	NA	169
Maryland .....	6,758	11,517	16,217	18,028	80,447	16,143
Massachusetts .....	13,038	19,395	23,246	21,290	NA	NA
Michigan .....	34,648	55,639	67,295	70,297	364,741	56,234
Minnesota .....	10,137	18,108	23,991	25,826	NA	20,302
Mississippi .....	1,848	NA	NA	5,600	NA	4,052
Missouri .....	9,071	17,792	23,460	22,573	115,721	17,994
Montana .....	1,614	2,873	2,978	3,222	21,605	2,831
Nebraska .....	3,359	6,620	7,468	7,863	43,033	6,219
Nevada .....	2,960	4,059	4,563	5,431	32,003	4,226
New Hampshire .....	825	1,220	1,433	1,342	6,978	1,071
New Jersey .....	22,293	34,235	43,657	45,683	208,910	36,647
New Mexico .....	NA	4,566	5,031	6,018	33,183	4,850
New York .....	43,761	63,978	NA	71,105	<sup>R</sup> 374,539	<sup>R</sup> 57,945
North Carolina .....	4,944	8,559	13,197	14,583	58,973	10,941
North Dakota .....	825	1,663	1,970	2,122	NA	1,692
Ohio .....	26,375	46,719	62,676	68,185	324,416	53,474
Oklahoma .....	5,291	10,481	11,653	12,897	68,285	9,806
Oregon .....	3,838	4,992	5,064	5,968	38,866	5,167
Pennsylvania .....	22,406	38,646	49,505	51,289	237,640	40,690
Rhode Island .....	2,137	3,246	3,707	3,191	17,920	2,621
South Carolina .....	2,249	4,206	6,502	6,444	27,757	5,315
South Dakota .....	1,040	1,870	2,132	2,427	12,861	1,693
Tennessee .....	4,337	10,462	16,056	17,827	71,279	12,749
Texas .....	11,380	28,672	<sup>R</sup> 40,393	45,416	<sup>R</sup> 217,130	32,982
Utah .....	4,414	6,045	8,463	8,174	58,895	8,257
Vermont .....	332	483	580	504	2,761	385
Virginia .....	5,999	9,778	15,915	19,182	<sup>R</sup> 76,982	15,315
Washington .....	7,061	9,371	NA	10,385	73,752	9,204
West Virginia .....	<sup>R</sup> 2,316	4,445	6,307	NA	32,550	5,256
Wisconsin .....	11,862	17,965	23,499	27,729	136,129	20,800
Wyoming .....	1,113	1,488	1,754	2,145	NA	1,844
<b>Total .....</b>	<b><sup>R</sup>416,828</b>	<b>677,094</b>	<b><sup>R</sup>888,169</b>	<b>954,273</b>	<b><sup>R</sup>4,915,159</b>	<b><sup>R</sup>773,114</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003**

(Million Cubic Feet) — Continued

State	2002					
	November	October	September	August	July	June
Alabama .....	2,750	1,166	1,075	1,067	1,094	1,376
Alaska .....	1,448	1,255	856	612	436	<sup>R</sup> 1,231
Arizona .....	2,095	1,329	1,109	1,048	1,108	1,384
Arkansas .....	3,122	1,220	797	783	835	1,066
California .....	36,675	31,457	23,154	23,498	24,896	26,372
Colorado .....	15,201	9,670	3,487	2,491	2,556	2,635
Connecticut .....	<sup>R</sup> 4,087	1,797	981	972	<sup>R</sup> 964	1,259
Delaware .....	823	262	171	162	191	265
District of Columbia .....	1,801	895	333	314	314	347
Florida .....	938	749	743	725	779	836
Georgia .....	15,904	5,610	3,679	3,598	3,707	3,766
Hawaii .....	46	36	44	42	45	41
Idaho .....	2,149	866	457	360	391	697
Illinois .....	52,978	29,433	10,088	9,170	9,527	12,241
Indiana .....	15,529	7,634	2,871	2,953	2,634	4,167
Iowa .....	7,625	3,960	1,417	1,408	1,322	1,864
Kansas .....	7,335	2,418	1,413	1,352	1,463	1,988
Kentucky .....	7,056	3,069	1,089	1,103	1,032	1,129
Louisiana .....	3,192	1,914	1,737	1,684	1,803	2,010
Maine .....	103	66	26	26	25	NA
Maryland .....	9,715	5,034	1,931	1,640	1,635	2,059
Massachusetts .....	10,449	4,432	2,706	2,334	3,231	4,519
Michigan .....	37,918	17,768	7,238	6,428	7,505	13,734
Minnesota .....	15,925	10,147	3,314	NA	2,998	3,474
Mississippi .....	NA	769	694	693	728	745
Missouri .....	10,955	4,087	2,389	2,075	2,353	3,148
Montana .....	2,262	1,453	560	451	454	785
Nebraska .....	4,217	1,698	881	735	893	1,156
Nevada .....	2,603	1,428	1,081	940	1,033	1,296
New Hampshire .....	665	279	169	145	212	303
New Jersey .....	21,943	10,021	5,117	4,635	4,968	6,250
New Mexico .....	2,661	1,138	830	810	817	958
New York .....	<sup>R</sup> 36,707	<sup>R</sup> 17,253	9,721	9,188	<sup>R</sup> 9,726	<sup>R</sup> 13,835
North Carolina .....	6,327	2,060	1,045	889	1,019	1,456
North Dakota .....	1,287	1,046	282	NA	195	248
Ohio .....	31,831	16,314	6,057	6,084	7,578	9,957
Oklahoma .....	5,486	1,871	1,468	1,700	1,711	2,187
Oregon .....	3,424	1,436	931	840	993	1,613
Pennsylvania .....	24,408	11,310	5,155	4,465	5,177	7,274
Rhode Island .....	1,580	625	431	424	476	783
South Carolina .....	2,040	610	499	482	538	721
South Dakota .....	1,487	930	284	239	224	326
Tennessee .....	5,712	1,860	1,131	1,089	1,196	1,667
Texas .....	<sup>R</sup> 17,808	9,325	6,207	6,400	6,736	7,014
Utah .....	6,702	4,475	2,001	1,412	1,412	1,574
Vermont .....	274	98	63	58	64	119
Virginia .....	9,465	4,325	1,585	1,635	1,519	1,976
Washington .....	6,861	3,158	1,893	1,675	1,972	3,142
West Virginia .....	3,325	1,541	544	444	532	528
Wisconsin .....	15,669	9,616	2,875	2,656	2,587	3,458
Wyoming .....	1,372	885	396	183	NA	453
<b>Total .....</b>	<b><sup>R</sup>483,523</b>	<b><sup>R</sup>251,797</b>	<b>125,007</b>	<b>117,388</b>	<b><sup>R</sup>126,665</b>	<b><sup>R</sup>161,490</b>

See footnotes at end of table.

**Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003**

(Million Cubic Feet) — Continued

State	2002					2001
	May	April	March	February	January	Total
Alabama .....	1,606	3,315	7,033	7,640	8,895	49,229
Alaska .....	989	1,453	2,185	1,998	2,125	16,818
Arizona .....	1,718	2,678	4,531	6,659	7,599	37,049
Arkansas .....	1,510	3,707	6,174	6,960	7,216	37,202
California .....	34,653	43,114	58,010	64,134	79,507	512,695
Colorado .....	5,094	NA	17,031	19,643	21,658	123,629
Connecticut .....	<sup>R</sup> 2,379	<sup>R</sup> 3,952	<sup>R</sup> 4,983	<sup>R</sup> 6,345	6,197	40,599
Delaware .....	460	909	1,286	1,385	1,697	9,175
District of Columbia .....	559	798	1,648	1,988	2,324	12,947
Florida .....	909	1,252	1,954	1,893	2,516	15,547
Georgia .....	4,895	5,842	13,905	19,447	22,343	119,969
Hawaii .....	44	49	48	48	49	537
Idaho .....	1,237	1,795	2,797	3,442	3,450	19,118
Illinois .....	23,423	42,614	65,402	64,032	72,217	427,146
Indiana .....	8,643	14,105	21,786	21,741	26,798	147,338
Iowa .....	3,521	6,509	10,467	10,288	11,981	71,074
Kansas .....	2,965	6,316	10,662	11,197	13,277	70,182
Kentucky .....	1,691	3,667	8,162	9,346	10,130	56,947
Louisiana .....	2,179	4,361	7,700	<sup>R</sup> 9,214	<sup>R</sup> 9,833	49,003
Maine .....	49	88	134	138	141	954
Maryland .....	3,088	4,739	9,705	11,885	12,873	76,891
Massachusetts .....	6,854	10,259	14,639	16,360	17,297	106,636
Michigan .....	23,198	35,940	49,969	49,807	59,002	343,682
Minnesota .....	7,835	10,885	19,906	16,809	20,571	124,891
Mississippi .....	839	2,147	4,154	4,776	5,461	27,909
Missouri .....	5,173	10,616	16,977	18,792	21,161	116,188
Montana .....	1,412	2,079	3,207	2,799	3,313	20,147
Nebraska .....	1,839	4,222	6,223	6,220	8,729	46,663
Nevada .....	1,753	2,405	3,726	5,642	5,871	32,609
New Hampshire .....	445	653	934	1,053	1,047	6,812
New Jersey .....	9,956	17,515	27,256	30,266	34,336	209,834
New Mexico .....	1,266	2,647	4,947	6,135	6,124	36,577
New York .....	<sup>R</sup> 23,395	<sup>R</sup> 34,191	51,006	53,782	57,791	376,176
North Carolina .....	1,771	4,110	7,872	9,570	11,913	56,815
North Dakota .....	641	1,028	1,761	1,455	1,837	10,570
Ohio .....	16,819	29,556	45,239	47,494	54,013	308,522
Oklahoma .....	2,978	6,630	10,581	11,106	12,761	64,622
Oregon .....	2,776	3,851	5,257	6,096	6,480	38,271
Pennsylvania .....	12,211	22,201	31,731	33,339	39,679	238,849
Rhode Island .....	1,268	1,858	2,282	2,648	2,925	17,937
South Carolina .....	832	1,901	4,261	4,632	5,926	27,485
South Dakota .....	757	1,231	1,941	1,726	2,024	12,335
Tennessee .....	2,087	5,347	11,326	12,157	14,959	68,053
Texas .....	7,587	15,171	29,919	38,418	39,565	208,449
Utah .....	2,277	3,244	7,740	9,276	10,522	55,008
Vermont .....	182	312	346	441	419	2,719
Virginia .....	2,773	4,365	9,394	<sup>R</sup> 11,104	13,527	70,249
Washington .....	5,537	7,879	10,270	11,229	10,931	84,416
West Virginia .....	1,602	2,616	4,485	5,765	5,912	33,459
Wisconsin .....	7,853	11,317	20,423	17,975	20,900	125,277
Wyoming .....	815	1,269	NA	1,439	2,365	10,977
<b>Total .....</b>	<b><sup>R</sup>256,341</b>	<b><sup>R</sup>416,714</b>	<b><sup>R</sup>665,207</b>	<b><sup>R</sup>717,730</b>	<b><sup>R</sup>820,184</b>	<b>4,776,186</b>

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and

revision policy.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

**Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003**  
(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				July	June	May
Alabama .....	17,844	16,269	18,658	1,234	1,209	1,508
Alaska .....	11,098	9,603	8,740	1,276	1,265	1,277
Arizona .....	19,934	21,069	19,970	1,953	2,044	2,429
Arkansas .....	22,293	22,129	19,796	1,392	1,410	1,754
California .....	NA	151,625	149,436	16,716	17,260	20,332
Colorado .....	35,956	NA	46,668	1,775	2,373	2,807
Connecticut .....	25,080	NA	28,949	1,570	1,706	2,065
Delaware .....	NA	4,797	4,128	289	331	428
District of Columbia .....	11,183	10,522	11,605	836	800	1,027
Florida .....	33,110	31,532	30,486	3,995	4,105	4,337
Georgia .....	33,894	32,030	32,713	2,740	<sup>R</sup> 2,612	2,302
Hawaii .....	1,031	997	1,054	145	142	143
Idaho .....	7,729	10,211	9,265	378	485	840
Illinois .....	133,947	128,531	123,473	6,770	6,186	9,073
Indiana .....	58,016	50,627	52,891	2,359	2,606	3,951
Iowa .....	NA	29,001	31,326	1,264	1,504	2,012
Kansas .....	26,422	25,348	27,614	1,264	1,336	1,671
Kentucky .....	27,072	22,127	23,873	1,088	1,191	1,533
Louisiana .....	NA	14,269	18,950	975	929	1,073
Maine .....	2,724	NA	1,762	151	219	205
Maryland .....	43,799	36,911	38,320	3,054	3,290	3,923
Massachusetts .....	49,345	49,917	43,010	2,562	5,597	4,208
Michigan .....	128,485	112,605	120,868	5,323	6,149	10,197
Minnesota .....	65,580	NA	62,767	3,509	2,564	5,358
Mississippi .....	NA	13,553	14,605	1,123	1,116	1,194
Missouri .....	44,037	42,739	46,519	1,923	2,350	3,061
Montana .....	9,073	9,669	8,853	452	<sup>R</sup> 614	930
Nebraska .....	19,247	18,932	19,742	998	1,126	1,582
Nevada .....	13,917	14,498	14,131	1,223	1,288	1,725
New Hampshire .....	NA	6,390	5,383	323	413	601
New Jersey .....	109,000	91,072	95,596	7,108	6,507	9,756
New Mexico .....	16,617	17,497	16,967	977	1,173	1,660
New York .....	190,950	212,706	200,805	15,097	13,303	17,593
North Carolina .....	29,415	24,801	26,264	1,639	1,764	2,382
North Dakota .....	6,759	NA	6,417	265	203	377
Ohio .....	119,751	104,659	120,645	4,274	4,689	7,031
Oklahoma .....	27,710	28,770	30,574	1,281	1,378	2,014
Oregon .....	17,346	19,474	18,808	1,059	1,413	2,093
Pennsylvania .....	106,945	91,341	93,562	5,023	5,690	7,805
Rhode Island .....	NA	9,446	9,059	NA	460	757
South Carolina .....	14,475	13,349	13,795	1,149	1,154	1,421
South Dakota .....	6,580	6,351	6,376	264	325	454
Tennessee .....	40,872	34,181	38,043	2,380	2,593	3,088
Texas .....	NA	122,235	115,119	11,075	11,400	13,005
Utah .....	18,370	21,195	19,010	892	1,017	1,580
Vermont .....	1,937	1,628	1,771	71	94	157
Virginia .....	NA	37,958	38,662	2,855	2,679	3,556
Washington .....	NA	35,343	32,953	NA	1,894	3,641
West Virginia .....	NA	14,802	16,561	NA	819	NA
Wisconsin .....	55,609	49,860	51,149	2,150	2,274	3,280
Wyoming .....	5,859	7,037	6,347	264	399	536
<b>Total .....</b>	<b>2,047,161</b>	<b>1,965,412</b>	<b>1,994,040</b>	<b>128,235</b>	<b><sup>R</sup>135,447</b>	<b>176,826</b>

See footnotes at end of table.

**Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003**

(Million Cubic Feet) — Continued

State	2003				2002	
	April	March	February	January	Total	December
Alabama .....	1,948	3,000	4,466	4,479	24,826	3,324
Alaska .....	1,627	1,843	1,637	2,174	16,903	2,308
Arizona .....	2,802	3,373	3,330	4,002	32,836	3,447
Arkansas .....	2,583	4,432	5,599	5,123	33,255	3,834
California .....	22,009	24,905	NA	NA	<sup>R</sup> 245,334	22,450
Colorado .....	4,526	7,272	9,018	8,185	NA	9,059
Connecticut .....	3,584	4,542	5,540	6,074	NA	5,581
Delaware .....	712	1,002	1,416	NA	7,487	1,101
District of Columbia .....	1,499	2,017	2,456	2,548	NA	NA
Florida .....	4,585	4,948	5,671	5,469	51,954	5,102
Georgia .....	3,540	4,810	7,727	10,162	52,821	9,069
Hawaii .....	144	146	150	161	1,720	151
Idaho .....	1,104	1,472	1,638	1,812	14,779	1,686
Illinois .....	15,427	25,986	33,167	37,339	208,231	28,990
Indiana .....	5,541	10,132	15,384	18,043	NA	13,468
Iowa .....	3,735	6,519	NA	8,265	46,248	6,639
Kansas .....	2,959	5,701	6,708	6,784	38,812	5,065
Kentucky .....	3,059	5,293	6,977	7,930	<sup>R</sup> 36,329	5,932
Louisiana .....	1,530	NA	NA	2,578	24,301	2,735
Maine .....	414	560	638	537	NA	NA
Maryland .....	5,810	7,302	9,548	10,870	<sup>R</sup> 64,711	10,259
Massachusetts .....	7,411	8,147	10,959	10,462	79,737	10,105
Michigan .....	17,590	26,544	30,626	32,055	173,019	24,214
Minnesota .....	7,975	12,326	16,315	17,534	NA	14,151
Mississippi .....	1,498	NA	NA	3,590	NA	2,608
Missouri .....	4,875	9,142	11,638	11,049	64,806	8,549
Montana .....	1,220	1,943	1,978	1,936	14,612	1,744
Nebraska .....	2,476	4,077	4,715	4,273	27,870	3,528
Nevada .....	1,997	2,376	2,475	2,832	22,904	2,540
New Hampshire .....	949	1,367	NA	NA	10,212	1,322
New Jersey .....	14,743	20,728	24,976	25,181	<sup>R</sup> 150,653	22,805
New Mexico .....	2,405	3,130	3,382	3,890	25,044	3,006
New York .....	23,904	36,670	<sup>R</sup> 42,935	41,449	<sup>R</sup> 358,627	<sup>R</sup> 42,827
North Carolina .....	3,408	4,991	7,375	7,856	40,143	6,200
North Dakota .....	598	1,537	1,832	1,947	NA	1,611
Ohio .....	14,358	23,536	29,645	36,218	163,260	24,518
Oklahoma .....	3,438	6,067	6,895	6,637	41,076	4,830
Oregon .....	2,550	3,191	3,295	3,745	28,530	3,335
Pennsylvania .....	13,373	20,545	25,661	28,848	148,346	22,449
Rhode Island .....	1,190	1,744	1,972	1,849	<sup>R</sup> 14,482	<sup>R</sup> 1,904
South Carolina .....	1,762	2,345	3,220	3,425	21,328	2,901
South Dakota .....	790	1,383	1,651	1,713	10,252	1,374
Tennessee .....	3,897	7,314	10,384	11,218	52,567	7,936
Texas .....	<sup>R</sup> 13,903	21,049	NA	28,126	NA	22,819
Utah .....	2,564	3,344	4,525	4,449	33,894	4,454
Vermont .....	302	397	486	429	2,470	332
Virginia .....	4,841	7,323	NA	11,330	63,896	9,692
Washington .....	4,670	5,634	5,884	6,489	51,868	5,724
West Virginia .....	NA	NA	3,620	3,964	23,072	3,231
Wisconsin .....	6,607	11,162	14,337	15,800	85,132	12,935
Wyoming .....	901	1,099	1,307	1,353	11,069	1,495
<b>Total .....</b>	<b><sup>R</sup>256,811</b>	<b>382,045</b>	<b><sup>R</sup>475,122</b>	<b>492,676</b>	<b><sup>R</sup>3,165,729</b>	<b><sup>R</sup>418,913</b>

See footnotes at end of table.

**Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003**

(Million Cubic Feet) — Continued

State	2002					
	November	October	September	August	July	June
Alabama .....	1,858	1,201	1,078	1,096	1,073	1,185
Alaska .....	1,853	1,671	799	669	590	933
Arizona .....	2,521	1,994	1,915	1,891	1,976	2,152
Arkansas .....	2,786	1,763	1,355	1,387	1,752	1,558
California .....	<sup>R</sup> 18,471	18,657	16,290	17,840	17,229	17,778
Colorado .....	7,228	5,014	2,223	1,731	1,691	1,716
Connecticut .....	<sup>R</sup> 3,471	2,443	1,838	1,932	1,800	1,855
Delaware .....	683	356	280	270	259	298
District of Columbia .....	2,046	1,271	857	838	824	797
Florida .....	4,142	3,676	3,823	3,679	3,837	3,949
Georgia .....	4,704	2,794	2,085	2,138	2,176	2,172
Hawaii .....	146	144	144	138	147	146
Idaho .....	1,326	699	476	380	366	561
Illinois .....	21,752	14,326	7,862	6,770	6,783	7,135
Indiana .....	8,694	5,439	2,541	NA	2,160	2,720
Iowa .....	4,877	2,652	1,847	1,232	1,275	1,521
Kansas .....	3,707	1,948	1,281	1,463	1,424	1,327
Kentucky .....	3,931	2,157	1,058	1,123	1,097	1,011
Louisiana .....	2,150	1,862	1,873	1,412	1,420	1,467
Maine .....	NA	NA	459	328	NA	365
Maryland .....	7,154	4,656	<sup>R</sup> 3,343	2,388	2,440	2,776
Massachusetts .....	6,660	5,277	3,911	3,867	3,542	4,788
Michigan .....	16,312	9,435	5,442	5,010	5,484	7,380
Minnesota .....	10,890	7,811	3,848	NA	3,356	3,423
Mississippi .....	NA	1,202	1,087	785	1,068	974
Missouri .....	5,796	3,724	2,077	1,920	2,016	2,218
Montana .....	1,432	914	440	413	425	584
Nebraska .....	2,297	1,218	965	929	975	1,268
Nevada .....	1,936	1,485	1,255	1,190	1,208	1,373
New Hampshire .....	1,007	684	510	300	481	566
New Jersey .....	13,465	8,958	8,381	5,972	6,158	6,522
New Mexico .....	1,691	1,119	778	953	962	1,208
New York .....	35,940	<sup>R</sup> 22,655	21,083	23,416	23,454	<sup>R</sup> 20,772
North Carolina .....	3,648	2,429	1,625	1,440	1,512	1,880
North Dakota .....	1,310	1,017	363	NA	282	286
Ohio .....	16,203	9,189	4,403	4,288	4,704	5,800
Oklahoma .....	2,942	1,504	1,512	1,519	1,417	1,652
Oregon .....	2,345	1,286	1,082	1,008	1,090	1,430
Pennsylvania .....	14,434	9,393	5,414	5,316	5,128	5,914
Rhode Island .....	<sup>R</sup> 1,286	<sup>R</sup> 763	<sup>R</sup> 561	522	<sup>R</sup> 570	<sup>R</sup> 694
South Carolina .....	1,715	1,192	1,123	1,047	1,081	1,162
South Dakota .....	1,185	762	314	266	277	310
Tennessee .....	4,027	2,350	2,143	1,928	1,884	2,355
Texas .....	NA	<sup>R</sup> 13,108	10,586	<sup>R</sup> 12,042	<sup>R</sup> 11,447	<sup>R</sup> 11,431
Utah .....	3,627	2,353	1,266	998	953	1,057
Vermont .....	238	114	83	75	72	108
Virginia .....	6,667	4,272	2,657	2,650	2,603	2,765
Washington .....	4,439	2,521	1,937	1,904	2,061	2,778
West Virginia .....	2,319	870	884	966	924	1,068
Wisconsin .....	9,858	6,478	3,025	2,976	2,281	2,597
Wyoming .....	1,159	767	391	220	470	420
<b>Total .....</b>	<b><sup>R</sup>298,793</b>	<b><sup>R</sup>199,930</b>	<b><sup>R</sup>142,575</b>	<b><sup>R</sup>140,106</b>	<b><sup>R</sup>138,515</b>	<b><sup>R</sup>148,204</b>

See footnotes at end of table.



**Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003**  
(Million Cubic Feet) — Continued

State	2002					2001
	May	April	March	February	January	Total
Alabama .....	1,353	1,901	3,226	3,530	4,000	26,377
Alaska .....	<sup>R</sup> 810	1,688	1,831	1,782	1,970	15,849
Arizona .....	2,399	2,779	3,482	3,992	4,288	31,121
Arkansas .....	1,934	2,967	4,395	4,857	4,666	32,031
California .....	20,446	20,574	22,685	24,573	28,341	245,795
Colorado .....	3,020	NA	8,062	9,076	10,856	65,011
Connecticut .....	2,263	3,804	4,916	NA	5,464	44,404
Delaware .....	453	697	942	1,003	1,146	5,680
District of Columbia .....	969	1,247	2,030	2,204	2,452	16,546
Florida .....	4,011	4,478	5,175	4,782	5,299	49,286
Georgia .....	2,670	3,032	5,910	7,633	8,438	50,645
Hawaii .....	139	143	138	138	145	1,749
Idaho .....	870	1,386	2,091	2,493	2,444	13,623
Illinois .....	11,256	19,182	27,134	26,191	30,850	189,160
Indiana .....	3,750	6,995	10,863	11,356	12,783	78,479
Iowa .....	2,086	3,885	6,436	6,362	7,436	45,911
Kansas .....	1,750	3,223	5,301	5,633	6,690	38,127
Kentucky .....	1,825	<sup>R</sup> 2,418	<sup>R</sup> 5,028	<sup>R</sup> 5,275	5,473	35,255
Louisiana .....	1,121	1,660	2,956	2,775	2,870	28,833
Maine .....	NA	NA	679	701	738	2,642
Maryland .....	3,166	4,450	7,634	8,057	8,388	59,802
Massachusetts .....	5,626	7,139	8,517	10,392	9,914	61,677
Michigan .....	11,311	17,809	20,604	24,282	25,734	173,791
Minnesota .....	6,149	9,366	NA	11,181	12,941	93,845
Mississippi .....	1,023	1,691	2,557	3,146	3,092	21,579
Missouri .....	4,053	5,728	8,756	9,749	10,219	64,924
Montana .....	977	1,449	2,076	1,898	2,260	13,245
Nebraska .....	1,670	3,063	4,044	4,328	3,584	27,792
Nevada .....	1,575	1,798	2,730	2,789	3,026	22,912
New Hampshire .....	726	875	1,296	1,280	1,167	7,349
New Jersey .....	10,873	12,326	<sup>R</sup> 15,632	18,908	20,655	136,578
New Mexico .....	1,627	2,395	3,415	3,981	3,910	24,150
New York .....	22,035	27,740	<sup>R</sup> 38,759	<sup>R</sup> 41,017	<sup>R</sup> 38,928	347,253
North Carolina .....	1,902	2,856	4,775	5,587	6,287	38,583
North Dakota .....	656	980	NA	1,374	1,747	10,456
Ohio .....	9,441	14,847	22,737	24,083	23,048	172,537
Oklahoma .....	2,235	3,959	5,630	6,986	6,891	42,110
Oregon .....	2,042	2,642	3,449	3,969	4,853	27,884
Pennsylvania .....	8,607	13,508	17,923	19,523	20,737	136,468
Rhode Island .....	<sup>R</sup> 1,008	<sup>R</sup> 1,328	<sup>R</sup> 1,697	<sup>R</sup> 1,897	<sup>R</sup> 2,252	12,808
South Carolina .....	1,284	1,607	2,461	2,739	3,016	20,743
South Dakota .....	555	968	1,414	1,309	1,518	9,711
Tennessee .....	2,599	4,325	6,459	7,390	9,170	52,947
Texas .....	<sup>R</sup> 12,551	<sup>R</sup> 15,635	<sup>R</sup> 21,054	<sup>R</sup> 22,042	<sup>R</sup> 28,076	177,714
Utah .....	1,627	2,239	4,189	5,275	5,854	30,917
Vermont .....	161	249	294	383	362	2,473
Virginia .....	3,598	4,231	7,654	8,130	8,978	59,809
Washington .....	3,769	5,211	6,184	6,765	8,576	57,160
West Virginia .....	1,517	2,097	3,025	3,004	3,166	27,737
Wisconsin .....	4,513	6,634	11,404	10,392	12,040	76,439
Wyoming .....	630	1,000	1,391	1,288	1,838	9,535
<b>Total .....</b>	<b><sup>R</sup>193,029</b>	<b><sup>R</sup>266,251</b>	<b><sup>R</sup>378,245</b>	<b><sup>R</sup>402,592</b>	<b><sup>R</sup>438,576</b>	<b>3,037,450</b>

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual

total but not in the monthly components. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

**Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003**  
(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				July	June	May
Alabama .....	88,144	95,299	92,550	11,693	11,202	12,158
Alaska .....	39,125	39,645	39,616	6,200	6,290	6,259
Arizona .....	9,692	NA	13,515	1,204	1,271	1,299
Arkansas .....	66,259	68,202	69,016	7,104	8,674	9,119
California .....	380,310	399,546	356,795	55,614	55,575	54,026
Colorado .....	NA	NA	36,682	9,752	7,687	10,710
Connecticut .....	15,946	NA	15,962	1,943	1,750	2,017
Delaware .....	9,271	11,347	11,656	914	944	818
District of Columbia .....	0	0	0	0	0	0
Florida .....	NA	56,873	54,826	5,531	5,217	5,824
Georgia .....	79,293	84,416	79,228	10,705	<sup>R</sup> 9,537	11,439
Hawaii .....	262	290	326	38	36	35
Idaho <sup>a</sup> .....	14,960	NA	18,574	1,633	2,006	2,009
Illinois .....	160,885	NA	165,784	16,153	17,865	19,020
Indiana .....	143,023	145,604	148,309	16,666	16,551	18,105
Iowa .....	53,031	51,922	54,565	6,437	6,427	6,868
Kansas .....	59,217	55,321	52,357	9,750	7,159	7,962
Kentucky .....	56,863	58,531	56,920	6,652	6,616	7,381
Louisiana .....	397,608	409,829	408,536	56,026	49,753	60,073
Maine .....	NA	767	6,347	278	202	205
Maryland .....	NA	15,804	16,093	NA	1,355	1,580
Massachusetts .....	NA	43,087	50,711	5,216	3,350	6,055
Michigan .....	138,754	145,645	138,441	13,732	13,764	15,790
Minnesota .....	53,461	51,649	52,483	6,384	6,305	6,576
Mississippi .....	62,362	66,065	59,229	7,082	8,557	8,106
Missouri .....	37,120	39,810	41,025	3,476	4,026	4,377
Montana .....	10,970	NA	12,726	1,122	1,403	1,310
Nebraska .....	21,029	21,927	23,121	4,336	1,805	2,600
Nevada .....	6,253	6,300	6,482	775	822	846
New Hampshire .....	NA	NA	4,951	538	459	653
New Jersey .....	48,162	NA	51,089	5,989	5,801	7,744
New Mexico .....	12,075	11,676	21,424	1,590	1,634	1,734
New York .....	NA	97,328	52,276	10,228	<sup>R</sup> 8,643	8,868
North Carolina .....	52,206	57,108	48,313	6,157	5,828	6,931
North Dakota .....	7,371	8,258	10,957	812	1,181	1,197
Ohio .....	173,063	183,659	178,450	19,403	18,652	22,211
Oklahoma .....	65,819	66,481	89,619	9,168	7,991	8,645
Oregon .....	37,873	43,106	42,072	5,234	4,945	5,395
Pennsylvania .....	111,688	115,510	115,471	13,530	12,591	13,719
Rhode Island .....	NA	1,445	3,334	NA	462	309
South Carolina .....	43,844	58,189	42,424	5,613	5,210	6,168
South Dakota .....	NA	2,033	2,625	803	806	851
Tennessee .....	68,550	69,887	68,291	7,749	9,356	9,625
Texas .....	967,698	1,090,371	1,267,073	170,152	121,667	127,619
Utah .....	14,597	15,414	20,541	1,912	1,902	1,934
Vermont .....	1,336	1,803	1,405	152	173	236
Virginia .....	41,138	43,888	35,502	4,871	6,250	7,152
Washington .....	NA	41,279	40,813	NA	4,607	5,071
West Virginia .....	NA	26,445	22,985	NA	3,178	<sup>R</sup> 3,373
Wisconsin .....	83,800	83,504	81,873	8,395	8,800	<sup>R</sup> 9,905
Wyoming .....	NA	24,466	21,362	3,727	3,855	3,896
<b>Total .....</b>	<b>3,998,285</b>	<b>4,282,941</b>	<b>4,304,727</b>	<b>551,492</b>	<b><sup>R</sup>490,140</b>	<b><sup>R</sup>535,806</b>

See footnotes at end of table.

**Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003**  
(Million Cubic Feet) — Continued

State	2003				2002	
	April	March	February	January	Total	December
Alabama .....	12,181	12,615	13,738	14,557	161,412	14,452
Alaska .....	6,370	5,292	4,386	4,328	65,354	4,298
Arizona .....	1,377	1,510	1,456	1,575	NA	1,712
Arkansas .....	9,723	9,575	10,429	11,636	117,903	10,663
California .....	52,529	56,975	53,341	52,249	719,060	61,111
Colorado .....	7,789	10,445	12,398	NA	NA	NA
Connecticut .....	2,472	2,487	2,428	2,849	NA	2,971
Delaware .....	922	1,381	1,880	2,412	NA	NA
District of Columbia .....	0	0	0	0	0	0
Florida .....	5,633	5,616	NA	NA	95,828	7,733
Georgia .....	12,024	10,952	11,701	12,936	145,243	12,393
Hawaii .....	38	40	36	40	475	37
Idaho <sup>a</sup> .....	2,210	2,404	2,204	2,493	NA	2,425
Illinois .....	21,870	26,162	28,737	31,078	NA	26,771
Indiana .....	19,223	21,778	24,137	26,563	254,382	25,090
Iowa .....	7,049	7,931	9,747	8,572	90,401	8,920
Kansas .....	7,083	8,292	8,971	10,000	108,065	10,304
Kentucky .....	7,044	8,099	9,711	11,359	<sup>R</sup> 100,902	9,706
Louisiana .....	60,281	55,684	55,001	60,789	<sup>R</sup> 726,009	<sup>R</sup> 70,411
Maine .....	228	276	NA	611	1,281	16
Maryland .....	2,408	2,026	2,140	2,248	NA	<sup>R</sup> 2,509
Massachusetts .....	6,034	7,634	6,264	NA	76,568	6,923
Michigan .....	19,507	22,977	26,375	26,609	236,820	23,516
Minnesota .....	7,148	7,990	9,626	9,432	NA	9,574
Mississippi .....	8,510	<sup>R</sup> 8,585	<sup>R</sup> 9,793	<sup>R</sup> 11,729	<sup>R</sup> 115,785	<sup>R</sup> 11,196
Missouri .....	4,924	6,098	6,923	7,297	66,914	6,295
Montana .....	1,842	1,858	1,989	1,447	NA	NA
Nebraska .....	3,502	2,470	3,071	3,245	40,143	3,178
Nevada .....	1,005	1,000	766	1,039	11,168	1,074
New Hampshire .....	697	747	NA	NA	NA	NA
New Jersey .....	6,496	7,136	7,313	7,684	NA	7,776
New Mexico .....	1,795	1,774	1,781	1,766	19,840	1,605
New York .....	12,547	14,941	NA	14,479	179,110	16,750
North Carolina .....	7,497	7,616	9,278	8,898	98,980	8,889
North Dakota .....	1,071	944	778	1,388	<sup>R</sup> 13,028	999
Ohio .....	23,385	27,287	29,597	32,528	317,701	31,608
Oklahoma .....	<sup>R</sup> 9,414	9,473	9,675	11,453	<sup>R</sup> 117,864	11,379
Oregon .....	5,250	5,589	5,514	5,945	72,039	6,150
Pennsylvania .....	15,475	17,252	18,924	20,197	197,661	19,257
Rhode Island .....	396	438	448	434	2,696	205
South Carolina .....	6,615	5,767	6,940	7,531	97,673	8,002
South Dakota .....	1,001	NA	NA	NA	<sup>R</sup> 3,966	506
Tennessee .....	10,177	10,302	10,404	10,937	116,408	10,296
Texas .....	129,114	134,280	137,228	147,638	1,748,531	128,650
Utah .....	2,022	2,187	2,240	2,400	26,888	2,489
Vermont .....	264	176	121	215	3,013	279
Virginia .....	4,138	6,258	6,306	6,166	NA	5,158
Washington .....	5,661	5,847	<sup>R</sup> 5,588	6,080	68,985	5,874
West Virginia .....	<sup>R</sup> 3,446	NA	3,990	<sup>R</sup> 4,143	45,852	4,230
Wisconsin .....	11,684	13,030	15,374	16,611	139,326	14,561
Wyoming .....	4,206	NA	3,622	5,518	42,660	3,873
<b>Total .....</b>	<b><sup>R</sup>553,279</b>	<b><sup>R</sup>588,768</b>	<b><sup>R</sup>622,225</b>	<b><sup>R</sup>656,574</b>	<b><sup>R</sup>7,290,037</b>	<b><sup>R</sup>640,462</b>

See footnotes at end of table.

**Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003**

(Million Cubic Feet) — Continued

State	2002					
	November	October	September	August	July	June
Alabama .....	12,714	13,395	12,893	12,661	12,587	13,065
Alaska .....	4,563	5,207	5,536	6,106	6,703	6,640
Arizona .....	NA	1,312	1,123	1,159	1,164	1,156
Arkansas .....	10,396	10,243	9,352	9,048	7,669	9,000
California .....	61,716	68,243	62,073	66,371	63,160	54,341
Colorado .....	NA	NA	NA	NA	NA	NA
Connecticut .....	2,865	2,540	2,048	2,068	2,450	2,280
Delaware .....	NA	NA	NA	<sup>R</sup> 1,673	1,572	<sup>R</sup> 1,132
District of Columbia .....	0	0	0	0	0	0
Florida .....	7,746	8,161	7,500	7,814	7,455	6,847
Georgia .....	12,240	11,928	11,635	12,631	11,761	11,545
Hawaii .....	35	35	36	42	47	36
Idaho <sup>a</sup> .....	2,347	2,385	2,185	NA	NA	2,065
Illinois .....	24,986	23,786	18,360	19,300	NA	19,888
Indiana .....	22,870	21,838	19,445	19,534	19,189	17,091
Iowa .....	9,120	7,443	6,477	6,519	5,992	5,992
Kansas .....	10,413	8,194	11,168	12,665	9,299	7,579
Kentucky .....	9,627	8,942	7,589	6,508	6,915	7,165
Louisiana .....	<sup>R</sup> 69,501	<sup>R</sup> 61,321	<sup>R</sup> 57,128	57,819	57,979	54,357
Maine .....	61	164	122	150	143	154
Maryland .....	NA	2,155	<sup>R</sup> 1,854	<sup>R</sup> 2,293	<sup>R</sup> 2,264	2,067
Massachusetts .....	6,729	6,770	5,857	7,201	3,764	5,584
Michigan .....	19,902	15,945	14,669	17,142	18,046	18,358
Minnesota .....	9,568	8,253	6,493	NA	6,711	6,735
Mississippi .....	<sup>R</sup> 10,306	<sup>R</sup> 10,008	<sup>R</sup> 8,797	<sup>R</sup> 9,413	<sup>R</sup> 9,637	<sup>R</sup> 8,945
Missouri .....	5,955	6,056	4,280	4,518	4,444	4,489
Montana .....	2,150	1,863	1,646	1,367	1,311	1,508
Nebraska .....	2,913	2,822	4,393	4,910	5,647	1,876
Nevada .....	999	1,037	896	862	833	870
New Hampshire .....	626	NA	588	NA	NA	749
New Jersey .....	7,060	6,391	6,011	7,132	NA	6,277
New Mexico .....	1,845	1,646	1,635	1,433	1,507	1,543
New York .....	17,192	16,602	15,570	15,668	7,452	12,561
North Carolina .....	8,801	8,610	7,745	7,827	7,086	7,290
North Dakota .....	914	1,030	908	<sup>R</sup> 919	1,001	1,403
Ohio .....	29,025	26,778	22,411	24,220	23,047	23,939
Oklahoma .....	11,040	9,893	9,091	<sup>R</sup> 9,981	<sup>R</sup> 9,796	7,761
Oregon .....	5,856	5,808	5,507	5,612	5,343	5,383
Pennsylvania .....	17,729	16,319	14,254	14,592	13,748	14,444
Rhode Island .....	332	273	229	211	185	224
South Carolina .....	8,339	8,115	7,288	7,740	7,696	8,224
South Dakota .....	546	394	271	<sup>R</sup> 215	<sup>R</sup> 188	<sup>R</sup> 194
Tennessee .....	10,290	9,183	7,800	8,951	8,617	8,785
Texas .....	121,771	126,557	134,224	146,959	156,179	163,180
Utah .....	2,410	2,415	2,118	2,041	1,971	1,864
Vermont .....	281	263	193	194	184	192
Virginia .....	NA	NA	6,582	7,421	7,481	6,961
Washington .....	5,978	5,741	5,132	4,980	4,786	5,183
West Virginia .....	4,116	4,295	3,125	3,640	3,358	3,549
Wisconsin .....	12,584	11,438	8,630	8,609	8,250	8,377
Wyoming .....	4,096	3,785	3,099	3,341	3,131	3,187
<b>Total</b> .....	<sup>R</sup> 613,684	<sup>R</sup> 600,831	<sup>R</sup> 559,118	<sup>R</sup> 593,002	<sup>R</sup> 590,252	<sup>R</sup> 573,402

See footnotes at end of table.

**Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003**  
(Million Cubic Feet) — Continued

State	2002					2001
	May	April	March	February	January	Total
Alabama .....	13,466	13,610	14,497	13,972	14,100	155,054
Alaska .....	5,909	4,759	4,595	5,304	5,735	67,174
Arizona .....	1,158	1,193	NA	1,426	1,680	21,228
Arkansas .....	9,630	9,778	9,795	11,293	11,037	122,311
California .....	55,260	54,374	61,534	49,783	61,093	666,462
Colorado .....	NA	NA	NA	NA	NA	57,436
Connecticut .....	2,406	NA	NA	NA	3,291	26,019
Delaware .....	<sup>R</sup> 1,181	<sup>R</sup> 1,554	<sup>R</sup> 1,838	<sup>R</sup> 1,805	2,266	20,059
District of Columbia .....	0	0	0	0	0	0
Florida .....	8,171	9,243	8,777	8,076	8,304	94,711
Georgia .....	12,231	11,763	12,964	11,756	12,395	137,899
Hawaii .....	43	42	39	40	42	532
Idaho <sup>a</sup> .....	2,299	2,377	2,561	2,553	2,765	30,435
Illinois .....	22,448	24,491	26,897	26,026	<sup>R</sup> 27,299	277,292
Indiana .....	18,569	20,499	23,325	22,843	24,088	250,766
Iowa .....	7,309	7,802	8,132	7,902	8,793	92,569
Kansas .....	7,861	6,888	8,093	7,505	8,097	92,771
Kentucky .....	8,120	<sup>R</sup> 8,023	<sup>R</sup> 9,089	<sup>R</sup> 9,204	<sup>R</sup> 10,015	94,896
Louisiana .....	55,116	56,210	61,785	59,384	64,997	747,015
Maine .....	182	178	107	0	3	10,929
Maryland .....	1,772	2,128	2,765	2,396	2,412	27,412
Massachusetts .....	5,343	6,302	7,805	7,265	7,025	81,184
Michigan .....	19,401	21,968	20,956	23,834	23,082	223,798
Minnesota .....	6,942	7,848	8,329	7,259	7,825	92,451
Mississippi .....	<sup>R</sup> 9,181	<sup>R</sup> 9,128	<sup>R</sup> 10,251	<sup>R</sup> 9,194	<sup>R</sup> 9,729	99,341
Missouri .....	5,657	5,702	6,617	5,864	7,036	67,846
Montana .....	1,622	NA	1,881	2,074	2,071	20,923
Nebraska .....	2,823	2,757	2,339	3,177	3,308	40,145
Nevada .....	819	978	890	813	1,096	11,475
New Hampshire .....	727	693	817	623	721	8,685
New Jersey .....	6,559	6,723	7,380	7,948	8,668	86,097
New Mexico .....	1,543	1,750	1,777	1,694	1,861	36,874
New York .....	11,626	14,312	15,850	17,132	18,396	84,411
North Carolina .....	8,057	7,848	9,019	8,855	8,954	88,844
North Dakota .....	1,130	1,071	1,119	1,117	1,417	17,759
Ohio .....	26,393	25,592	27,129	27,434	30,125	293,369
Oklahoma .....	8,806	<sup>R</sup> 9,326	9,792	9,681	11,319	161,341
Oregon .....	5,890	5,816	6,424	6,466	7,783	69,760
Pennsylvania .....	15,570	16,396	18,527	17,703	19,123	197,676
Rhode Island .....	222	213	218	202	181	6,127
South Carolina .....	8,296	8,133	8,645	8,504	8,691	79,674
South Dakota .....	<sup>R</sup> 234	<sup>R</sup> 290	<sup>R</sup> 436	318	372	4,211
Tennessee .....	9,162	9,833	9,392	11,803	12,295	118,566
Texas .....	156,234	174,407	144,236	140,601	155,534	2,093,120
Utah .....	2,175	2,005	2,333	2,432	2,633	33,585
Vermont .....	224	240	311	317	335	2,597
Virginia .....	6,355	5,659	4,718	6,164	6,551	65,231
Washington .....	5,415	5,982	6,276	6,244	7,393	75,651
West Virginia .....	3,813	3,768	4,086	3,489	4,382	39,598
Wisconsin .....	10,780	11,920	14,857	13,919	15,400	132,638
Wyoming .....	3,734	3,785	3,529	3,344	3,757	37,136
<b>Total</b> .....	<b><sup>R</sup>588,663</b>	<b><sup>R</sup>620,806</b>	<b><sup>R</sup>632,302</b>	<b><sup>R</sup>610,802</b>	<b><sup>R</sup>666,714</b>	<b>7,363,081</b>

<sup>a</sup> Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

**Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003**  
(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				July	June	May
Alabama .....	49,963	66,420	32,015	12,592	7,511	4,608
Alaska .....	20,339	18,884	18,536	3,133	2,911	2,615
Arizona .....	73,395	66,904	81,028	20,481	11,981	8,701
Arkansas .....	18,701	22,493	12,682	3,558	1,742	2,887
California .....	353,615	387,289	593,189	81,897	43,102	37,310
Colorado .....	40,556	44,707	51,036	8,567	4,998	6,022
Connecticut .....	22,386	36,408	11,202	3,890	2,870	3,254
Delaware .....	6,075	11,455	5,256	2,160	856	356
District of Columbia .....	0	0	0	0	0	0
Florida .....	291,089	290,261	185,922	52,649	46,957	50,704
Georgia .....	21,126	28,221	18,774	6,283	<sup>R</sup> 3,266	2,488
Hawaii .....	0	0	0	0	0	0
Idaho .....	1,414	1,893	1,729	612	169	137
Illinois .....	19,700	55,200	24,004	5,353	2,534	1,492
Indiana .....	14,065	20,146	9,855	3,030	2,194	2,759
Iowa .....	2,224	4,227	3,242	576	219	246
Kansas .....	8,544	14,385	13,662	3,052	1,196	922
Kentucky .....	2,068	8,244	2,181	464	160	302
Louisiana .....	126,164	172,575	137,559	27,217	20,293	18,727
Maine .....	35,753	44,922	40,321	6,861	5,255	4,141
Maryland .....	9,707	10,143	8,047	4,403	1,800	1,293
Massachusetts .....	89,244	67,736	44,904	21,092	15,276	12,129
Michigan .....	58,537	88,209	65,749	9,192	6,556	7,188
Minnesota .....	8,299	8,937	6,240	2,632	1,049	554
Mississippi .....	63,576	129,843	61,765	10,704	8,757	8,162
Missouri .....	13,311	19,678	16,903	5,293	1,267	1,285
Montana .....	125	89	102	26	37	11
Nebraska .....	2,726	3,074	2,645	1,436	424	194
Nevada .....	59,155	59,299	64,312	13,860	9,886	7,153
New Hampshire .....	1	268	1	0	0	0
New Jersey .....	64,735	84,040	66,974	15,790	8,331	8,598
New Mexico .....	21,731	23,335	31,896	4,814	3,535	3,293
New York .....	142,198	205,276	174,380	32,144	20,838	16,880
North Carolina .....	16,917	27,504	5,209	4,731	657	3,141
North Dakota .....	0	1	2	0	0	0
Ohio .....	6,010	12,671	6,081	1,492	813	639
Oklahoma .....	106,762	106,727	95,286	32,405	16,264	14,044
Oregon .....	34,050	28,975	43,379	9,294	3,209	1,623
Pennsylvania .....	20,320	26,399	8,281	6,441	3,270	2,207
Rhode Island .....	21,891	30,321	30,464	4,808	3,167	1,848
South Carolina .....	10,562	25,619	5,000	2,703	1,352	1,202
South Dakota .....	855	1,006	3,459	477	205	10
Tennessee .....	2,272	1,512	1,563	112	131	27
Texas .....	855,286	879,106	878,410	165,419	141,088	137,715
Utah .....	9,522	6,798	10,306	2,308	1,342	1,108
Vermont .....	12	20	102	2	2	3
Virginia .....	16,905	19,094	12,599	4,787	1,260	827
Washington .....	26,105	18,139	58,678	6,883	1,042	1,068
West Virginia .....	841	1,090	890	284	144	95
Wisconsin .....	12,184	12,715	11,936	2,421	1,225	1,053
Wyoming .....	1,731	1,765	1,756	326	55	82
<b>Total .....</b>	<b>2,782,747</b>	<b>3,194,022</b>	<b>2,961,876</b>	<b>608,655</b>	<b><sup>R</sup>411,197</b>	<b>381,098</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003**  
(Million Cubic Feet) — Continued

State	2003				2002	
	April	March	February	January	Total	December
Alabama .....	5,840	4,377	5,320	9,717	112,743	5,487
Alaska .....	2,712	2,888	2,715	3,365	32,947	3,093
Arizona .....	9,405	11,626	8,703	2,497	125,086	8,320
Arkansas .....	2,838	2,337	2,973	2,366	39,750	1,275
California .....	35,140	52,522	51,396	52,248	697,915	54,851
Colorado .....	4,519	5,772	5,472	5,206	76,403	5,475
Connecticut .....	3,505	4,261	2,098	2,509	65,079	4,228
Delaware .....	943	952	353	456	17,463	332
District of Columbia .....	0	0	0	0	0	0
Florida .....	39,940	42,010	28,404	30,425	519,545	30,686
Georgia .....	4,279	884	801	3,127	51,468	1,358
Hawaii .....	0	0	0	0	0	0
Idaho .....	103	121	121	150	2,844	149
Illinois .....	1,870	2,574	2,829	3,048	86,641	1,354
Indiana .....	935	1,959	1,729	1,459	32,618	1,875
Iowa .....	280	296	330	277	7,014	416
Kansas .....	780	1,037	730	827	23,126	536
Kentucky .....	189	153	174	627	12,006	251
Louisiana .....	15,679	13,374	13,630	17,244	285,001	13,737
Maine .....	4,923	4,329	3,613	6,632	78,006	6,370
Maryland .....	642	334	572	662	22,545	980
Massachusetts .....	10,988	10,899	9,733	9,128	126,794	12,194
Michigan .....	6,955	7,428	9,741	11,477	146,479	9,390
Minnesota .....	1,159	731	1,045	1,129	14,069	527
Mississippi .....	8,307	6,983	8,169	12,494	199,055	9,547
Missouri .....	2,399	817	661	1,589	29,449	371
Montana .....	2	21	20	7	132	5
Nebraska .....	261	125	161	125	5,299	133
Nevada .....	6,409	7,538	7,017	7,294	109,577	8,707
New Hampshire .....	0	0	0	0	1,096	103
New Jersey .....	8,284	7,062	8,118	8,552	151,392	9,475
New Mexico .....	2,349	2,838	2,704	2,197	39,029	2,393
New York .....	17,698	20,318	15,316	19,004	365,925	21,149
North Carolina .....	2,192	1,332	1,758	3,107	46,304	1,613
North Dakota .....	0	0	0	0	1	0
Ohio .....	1,089	1,077	348	552	22,302	489
Oklahoma .....	11,659	10,129	11,557	10,705	179,982	7,542
Oregon .....	2,085	4,356	5,636	7,847	55,449	5,285
Pennsylvania .....	2,470	2,712	1,624	1,597	49,933	2,294
Rhode Island .....	1,764	2,853	3,083	4,367	53,166	5,121
South Carolina .....	1,437	413	816	2,639	36,774	278
South Dakota .....	66	18	51	27	1,273	25
Tennessee .....	639	264	116	983	2,714	340
Texas .....	101,148	102,071	99,744	108,101	1,518,238	93,261
Utah .....	1,773	1,372	754	865	12,861	551
Vermont .....	2	1	1	1	37	3
Virginia .....	3,237	2,461	959	3,374	34,104	2,088
Washington .....	1,846	5,177	5,146	4,943	37,809	4,859
West Virginia .....	140	76	36	67	1,691	45
Wisconsin .....	1,793	1,900	2,106	1,686	20,527	1,339
Wyoming .....	238	254	418	358	3,672	320
<b>Total .....</b>	<b>332,912</b>	<b>353,032</b>	<b>328,801</b>	<b>367,051</b>	<b>5,553,331</b>	<b>340,220</b>

See footnotes at end of table.

**Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003**  
(Million Cubic Feet) — Continued

State	2002					
	November	October	September	August	July	June
Alabama .....	5,378	7,052	12,519	15,885	15,223	11,856
Alaska .....	2,568	2,885	2,705	2,813	3,280	2,656
Arizona .....	8,163	14,743	13,357	13,599	15,063	11,792
Arkansas .....	665	3,637	5,298	6,382	6,941	5,323
California .....	50,415	55,605	72,884	76,871	88,017	62,134
Colorado .....	5,311	7,038	6,309	7,563	8,948	7,234
Connecticut .....	4,166	4,689	7,284	8,304	7,984	5,562
Delaware .....	271	1,253	1,935	2,216	4,884	1,321
District of Columbia .....	0	0	0	0	0	0
Florida .....	35,129	52,195	53,296	57,978	55,523	50,993
Georgia .....	390	4,150	7,037	10,312	10,722	7,282
Hawaii .....	0	0	0	0	0	0
Idaho .....	123	208	195	276	478	261
Illinois .....	985	6,677	6,935	15,490	23,821	9,972
Indiana .....	1,938	1,829	2,995	3,835	6,233	3,297
Iowa .....	460	373	734	804	1,228	738
Kansas .....	671	851	2,329	4,354	5,807	3,208
Kentucky .....	260	296	1,184	1,771	3,828	1,994
Louisiana .....	14,620	21,860	28,304	33,906	35,007	30,062
Maine .....	6,412	6,223	6,824	7,254	6,938	5,865
Maryland .....	814	1,174	3,005	6,428	4,131	1,980
Massachusetts .....	10,418	10,935	13,438	12,072	11,578	8,981
Michigan .....	7,393	9,824	13,066	18,597	20,972	12,953
Minnesota .....	498	816	1,399	1,894	3,470	1,438
Mississippi .....	8,044	10,899	17,581	23,140	27,029	20,812
Missouri .....	529	510	3,185	5,177	6,733	3,418
Montana .....	2	2	12	22	31	36
Nebraska .....	159	408	579	946	1,395	660
Nevada .....	9,317	9,859	10,763	11,631	10,965	9,532
New Hampshire .....	0	194	219	311	79	108
New Jersey .....	9,192	11,492	14,861	22,333	23,319	15,156
New Mexico .....	2,397	3,052	3,287	4,566	5,764	3,937
New York .....	21,843	30,475	37,561	49,622	48,357	34,418
North Carolina .....	748	2,450	4,741	9,248	9,305	5,510
North Dakota .....	0	0	0	0	0	0
Ohio .....	471	1,123	3,235	4,315	6,384	2,436
Oklahoma .....	6,714	11,695	19,817	27,488	23,739	18,044
Oregon .....	5,065	5,595	5,621	4,908	2,114	3,100
Pennsylvania .....	2,544	3,879	5,629	9,187	8,349	6,030
Rhode Island .....	4,975	3,985	4,320	4,444	4,617	4,095
South Carolina .....	382	1,100	2,794	6,601	7,031	4,922
South Dakota .....	12	27	148	55	480	182
Tennessee .....	99	14	93	657	739	277
Texas .....	100,883	116,315	145,049	183,624	185,044	154,070
Utah .....	593	1,653	1,738	1,528	1,251	1,028
Vermont .....	4	4	3	3	4	3
Virginia .....	851	1,742	3,921	6,407	6,447	3,448
Washington .....	3,782	3,976	3,887	3,166	1,729	855
West Virginia .....	73	81	139	263	219	229
Wisconsin .....	1,033	960	2,357	2,123	3,795	1,882
Wyoming .....	217	498	576	295	317	230
<b>Total .....</b>	<b>336,977</b>	<b>436,300</b>	<b>555,149</b>	<b>690,663</b>	<b>725,315</b>	<b>541,320</b>

See footnotes at end of table.



**Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003**  
(Million Cubic Feet) — Continued

State	2002					2001
	May	April	March	February	January	Total
Alabama .....	7,444	7,357	7,172	8,131	9,236	68,868
Alaska .....	2,433	2,582	2,647	2,414	2,872	32,588
Arizona .....	9,164	7,599	9,057	7,852	6,375	129,086
Arkansas .....	2,261	2,606	1,929	1,853	1,580	26,096
California .....	42,999	41,654	58,696	43,011	50,777	973,509
Colorado .....	5,949	6,330	6,729	4,370	5,148	85,999
Connecticut .....	5,829	3,923	4,705	3,979	4,425	32,161
Delaware .....	1,021	1,071	1,230	1,127	802	15,129
District of Columbia .....	0	0	0	0	0	0
Florida .....	45,252	41,671	35,080	27,229	34,513	374,311
Georgia .....	3,402	3,425	998	1,098	1,295	34,700
Hawaii .....	0	0	0	0	0	0
Idaho .....	161	133	512	171	177	10,479
Illinois .....	3,973	7,098	4,977	3,053	2,305	46,806
Indiana .....	1,241	2,807	2,085	2,727	1,755	17,777
Iowa .....	486	499	576	304	395	5,754
Kansas .....	1,290	946	1,426	632	1,076	23,267
Kentucky .....	546	587	672	412	204	4,433
Louisiana .....	26,215	25,387	22,004	17,388	16,511	243,017
Maine .....	6,392	5,288	6,856	6,470	7,113	80,044
Maryland .....	892	1,303	665	542	631	17,521
Massachusetts .....	11,325	8,016	10,411	7,670	9,756	96,294
Michigan .....	9,704	10,837	12,064	10,334	11,344	133,054
Minnesota .....	651	635	1,109	860	774	10,688
Mississippi .....	15,010	16,268	16,907	16,880	16,938	149,434
Missouri .....	1,489	2,494	2,064	1,595	1,885	32,805
Montana .....	13	2	2	2	3	161
Nebraska .....	294	273	87	109	256	4,290
Nevada .....	7,672	5,974	8,650	7,816	8,690	108,510
New Hampshire .....	39	11	1	12	18	527
New Jersey .....	8,301	9,758	9,297	8,262	9,946	128,378
New Mexico .....	3,346	2,807	2,807	2,315	2,359	48,981
New York .....	24,300	24,157	24,827	23,694	25,523	357,439
North Carolina .....	2,801	3,233	2,769	2,024	1,861	12,265
North Dakota .....	0	0	0	0	0	3
Ohio .....	701	1,365	695	794	297	10,546
Oklahoma .....	12,911	15,161	12,867	14,104	9,901	173,893
Oregon .....	2,078	2,361	6,231	5,754	7,338	82,542
Pennsylvania .....	2,335	1,932	3,474	2,173	2,105	22,682
Rhode Island .....	3,920	3,575	3,904	4,458	5,753	58,417
South Carolina .....	4,534	2,914	1,252	2,013	2,953	10,944
South Dakota .....	58	62	61	145	18	4,496
Tennessee .....	58	233	172	34	0	2,479
Texas .....	125,671	116,081	104,248	90,305	103,687	1,506,112
Utah .....	1,386	882	752	452	1,047	15,141
Vermont .....	3	2	2	3	4	116
Virginia .....	2,023	2,815	1,007	1,177	2,178	33,124
Washington .....	1,115	2,000	4,770	3,814	3,857	86,184
West Virginia .....	99	252	164	50	76	2,620
Wisconsin .....	1,214	1,982	1,506	1,208	1,128	22,358
Wyoming .....	217	231	340	214	217	2,727
<b>Total .....</b>	<b>410,216</b>	<b>398,579</b>	<b>400,455</b>	<b>341,035</b>	<b>377,103</b>	<b>5,342,734</b>

<sup>R</sup> Revised Data.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computation and

revision policy.

**Source:** Form EIA-906, "Power Plant Report."

**Table 19. Natural Gas Deliveries to All Consumers, by State, 2001-2003**

(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				July	June	May
Alabama .....	189,946	208,947	180,854	27,029	21,187	20,102
Alaska .....	79,795	NA	75,720	11,043	11,038	11,083
Arizona .....	127,103	NA	140,916	24,742	16,640	14,486
Arkansas .....	135,710	140,292	126,418	12,885	12,749	15,240
California .....	NA	1,269,146	1,435,661	178,778	143,185	147,365
Colorado .....	NA	NA	223,010	22,819	18,829	25,125
Connecticut .....	95,674	104,998	83,775	8,573	7,995	9,924
Delaware .....	28,834	33,794	28,108	3,578	2,477	2,132
District of Columbia .....	21,261	18,499	21,445	1,131	1,151	1,600
Florida .....	NA	388,804	282,438	62,937	57,104	61,851
Georgia .....	216,141	218,574	210,364	23,404	<sup>R</sup> 19,268	20,889
Hawaii .....	1,622	1,609	1,703	225	219	227
Idaho .....	36,695	NA	42,779	3,037	3,294	4,393
Illinois .....	627,231	NA	594,651	38,200	38,315	47,054
Indiana .....	322,431	316,252	313,687	24,709	25,433	31,448
Iowa .....	NA	131,100	139,900	9,688	9,966	12,245
Kansas .....	NA	142,921	146,764	15,522	11,387	13,344
Kentucky .....	127,235	124,059	119,550	9,371	9,202	10,661
Louisiana .....	572,318	633,774	599,572	86,017	72,599	82,082
Maine .....	NA	NA	49,078	7,317	5,705	4,607
Maryland .....	NA	108,844	116,431	NA	8,792	10,674
Massachusetts .....	271,983	233,900	219,154	31,786	28,754	30,154
Michigan .....	593,469	585,613	566,918	35,968	37,749	53,987
Minnesota .....	216,476	NA	205,407	15,229	12,739	18,036
Mississippi .....	160,316	228,312	156,480	19,619	19,211	18,522
Missouri .....	177,920	180,447	191,701	13,003	11,140	13,471
Montana .....	33,198	NA	34,966	2,040	<sup>R</sup> 2,696	3,511
Nebraska .....	71,986	73,216	79,420	7,646	4,423	6,106
Nevada .....	100,788	101,822	106,194	16,971	13,217	11,838
New Hampshire .....	NA	15,955	15,289	1,032	1,151	1,753
New Jersey .....	392,822	354,985	363,519	34,512	27,878	38,292
New Mexico .....	72,554	75,401	96,872	8,210	7,344	8,311
New York .....	732,039	759,035	696,595	67,905	<sup>R</sup> 58,590	70,141
North Carolina .....	145,141	147,123	121,019	13,709	9,762	15,078
North Dakota .....	21,600	NA	23,919	1,278	1,612	2,036
Ohio .....	535,834	511,645	524,460	33,784	33,349	45,127
Oklahoma .....	246,833	249,932	264,539	44,303	27,465	27,639
Oregon .....	114,786	118,621	130,697	16,586	11,167	12,170
Pennsylvania .....	425,989	384,862	390,341	30,310	29,118	36,036
Rhode Island .....	NA	53,451	56,460	NA	4,902	4,332
South Carolina .....	90,623	115,968	82,214	10,002	8,352	9,960
South Dakota .....	NA	17,618	20,795	1,790	1,684	1,900
Tennessee .....	165,401	154,318	158,877	11,520	13,573	14,991
Texas .....	2,093,372	2,236,120	2,405,936	352,490	280,669	286,868
Utah .....	74,972	79,454	82,715	6,470	5,801	7,111
Vermont .....	5,532	5,336	5,314	290	364	584
Virginia .....	156,879	145,598	137,655	14,098	12,047	14,259
Washington .....	NA	145,721	180,607	NA	NA	14,881
West Virginia .....	NA	63,777	62,602	NA	NA	<sup>R</sup> 5,747
Wisconsin .....	244,380	230,593	229,722	15,639	15,600	<sup>R</sup> 19,996
Wyoming .....	NA	NA	36,668	4,558	4,709	5,011
<b>Total .....</b>	<b>12,312,618</b>	<b>12,615,388</b>	<b>12,590,684</b>	<b>1,418,021</b>	<b><sup>R</sup>1,198,188</b>	<b><sup>R</sup>1,345,687</b>

See footnotes at end of table.

**Table 19. Natural Gas Deliveries to All Consumers, by State, 2001-2003**

(Million Cubic Feet) — Continued

State	2003				2002	
	April	March	February	January	Total	December
Alabama .....	23,094	25,991	33,335	39,207	343,292	30,557
Alaska .....	12,038	12,068	10,442	12,083	NA	11,842
Arizona .....	16,548	21,362	18,325	15,000	NA	17,855
Arkansas .....	18,187	22,713	27,066	26,869	230,050	21,524
California .....	155,175	184,797	NA	183,615	R2,173,388	204,019
Colorado .....	25,432	38,043	46,789	NA	NA	NA
Connecticut .....	13,700	17,189	18,502	19,791	R175,840	19,356
Delaware .....	3,532	4,884	5,644	6,587	NA	NA
District of Columbia .....	2,552	3,730	5,133	5,963	32,230	5,376
Florida .....	51,363	54,188	NA	NA	682,546	45,449
Georgia .....	27,076	28,686	40,802	56,016	377,404	47,996
Hawaii .....	229	235	237	251	2,734	236
Idaho .....	5,279	6,477	6,728	7,486	NA	7,000
Illinois .....	74,494	114,379	147,045	167,744	NA	131,534
Indiana .....	36,300	52,600	70,441	81,500	NA	67,310
Iowa .....	16,663	25,194	NA	31,082	215,148	27,101
Kansas .....	17,122	27,435	NA	33,725	241,005	26,521
Kentucky .....	13,892	20,468	28,919	34,722	R209,540	28,719
Louisiana .....	80,441	77,239	82,047	91,894	R1,088,986	R94,930
Maine .....	5,671	5,326	NA	7,979	NA	NA
Maryland .....	15,619	21,180	28,477	31,809	R195,078	R29,890
Massachusetts .....	37,472	46,075	50,201	47,541	393,528	46,570
Michigan .....	78,701	112,589	134,037	140,437	921,059	113,354
Minnesota .....	26,419	39,155	50,978	53,920	NA	44,554
Mississippi .....	20,164	R22,270	R27,116	R33,413	R362,216	R27,403
Missouri .....	21,268	33,848	42,682	42,508	276,890	33,208
Montana .....	4,678	6,695	6,966	6,612	NA	NA
Nebraska .....	9,598	13,291	15,416	15,506	116,346	13,059
Nevada .....	12,372	14,974	14,820	16,595	175,652	16,547
New Hampshire .....	2,472	3,335	NA	3,654	25,383	3,073
New Jersey .....	51,816	69,161	84,064	87,100	R594,652	76,703
New Mexico .....	9,612	12,308	12,898	13,872	117,096	11,854
New York .....	97,910	135,907	R155,550	146,036	R1,278,201	R138,671
North Carolina .....	18,041	22,499	31,608	34,444	244,399	27,643
North Dakota .....	2,494	4,145	4,580	5,456	NA	4,302
Ohio .....	65,208	98,619	122,265	137,482	827,680	110,089
Oklahoma .....	R29,802	36,151	39,780	41,692	R407,208	33,556
Oregon .....	13,724	18,128	19,508	23,505	194,884	19,937
Pennsylvania .....	53,724	79,155	95,714	101,931	633,580	84,690
Rhode Island .....	5,488	8,281	9,210	9,842	R88,264	R9,850
South Carolina .....	12,063	12,731	17,478	20,038	183,532	16,496
South Dakota .....	2,898	NA	NA	NA	R28,353	3,598
Tennessee .....	19,050	28,342	36,960	40,965	242,968	31,321
Texas .....	R255,545	286,071	R302,448	329,281	R3,683,161	277,711
Utah .....	10,773	12,948	15,982	15,888	132,538	15,752
Vermont .....	901	1,057	1,188	1,148	8,281	999
Virginia .....	18,214	25,820	32,389	40,052	NA	32,253
Washington .....	19,238	26,029	R25,923	27,897	232,413	25,662
West Virginia .....	R7,375	11,387	13,953	R14,915	103,165	12,763
Wisconsin .....	31,946	44,057	55,316	61,826	381,114	49,635
Wyoming .....	6,458	NA	7,100	NA	NA	7,532
<b>Total .....</b>	<b>R1,561,096</b>	<b>R2,002,248</b>	<b>R2,315,498</b>	<b>R2,471,881</b>	<b>R20,939,206</b>	<b>R2,173,979</b>

See footnotes at end of table.

**Table 19. Natural Gas Deliveries to All Consumers, by State, 2001-2003**

(Million Cubic Feet) — Continued

State	2002					
	November	October	September	August	July	June
Alabama .....	22,700	22,814	27,565	30,709	29,978	27,482
Alaska .....	10,432	11,018	9,896	10,199	11,007	NA
Arizona .....	NA	19,377	17,504	17,696	19,311	16,485
Arkansas .....	16,969	16,863	16,801	17,600	17,198	16,947
California .....	<sup>R</sup> 167,277	173,962	174,402	184,580	193,302	160,625
Colorado .....	NA	NA	NA	NA	NA	NA
Connecticut .....	<sup>R</sup> 14,589	11,469	12,152	13,276	<sup>R</sup> 13,199	10,956
Delaware .....	NA	NA	NA	<sup>R</sup> 4,322	6,906	<sup>R</sup> 3,016
District of Columbia .....	3,847	2,166	1,190	1,152	1,137	1,143
Florida .....	47,955	64,781	65,361	70,196	67,594	62,626
Georgia .....	33,237	24,482	24,436	28,680	28,366	24,766
Hawaii .....	227	215	224	222	239	224
Idaho .....	5,945	4,159	3,313	NA	NA	3,584
Illinois .....	100,701	74,222	43,246	50,730	NA	49,236
Indiana .....	49,031	36,740	27,853	NA	30,217	27,276
Iowa .....	22,082	14,427	10,475	9,963	9,817	10,114
Kansas .....	22,126	13,411	16,192	19,834	17,992	14,103
Kentucky .....	20,874	14,464	10,919	10,505	12,871	11,299
Louisiana .....	<sup>R</sup> 89,462	<sup>R</sup> 86,957	<sup>R</sup> 89,042	94,821	96,209	87,896
Maine .....	NA	NA	7,431	7,757	NA	NA
Maryland .....	20,443	13,019	<sup>R</sup> 10,133	<sup>R</sup> 12,748	<sup>R</sup> 10,471	8,883
Massachusetts .....	34,256	27,414	25,912	25,475	22,115	23,872
Michigan .....	81,526	52,972	40,416	47,177	52,007	52,426
Minnesota .....	36,880	27,027	15,053	NA	16,535	15,069
Mississippi .....	<sup>R</sup> 21,433	<sup>R</sup> 22,878	<sup>R</sup> 28,159	<sup>R</sup> 34,031	<sup>R</sup> 38,463	<sup>R</sup> 31,476
Missouri .....	23,235	14,378	11,933	13,689	15,546	13,273
Montana .....	5,846	4,232	2,657	2,253	2,221	2,913
Nebraska .....	9,586	6,146	6,818	7,520	8,910	4,960
Nevada .....	14,856	13,809	13,996	14,624	14,039	13,071
New Hampshire .....	2,298	1,418	1,487	1,152	1,094	1,726
New Jersey .....	51,661	36,862	34,370	40,072	40,216	34,205
New Mexico .....	8,593	6,955	6,530	7,763	9,050	7,646
New York .....	<sup>R</sup> 111,682	<sup>R</sup> 86,984	83,935	97,894	<sup>R</sup> 88,989	<sup>R</sup> 81,586
North Carolina .....	19,524	15,550	15,156	19,403	18,922	16,135
North Dakota .....	3,512	3,093	1,553	<sup>R</sup> 1,559	1,479	1,937
Ohio .....	77,530	53,404	36,105	38,907	41,712	42,132
Oklahoma .....	26,182	24,962	31,887	<sup>R</sup> 40,688	<sup>R</sup> 36,663	29,644
Oregon .....	16,690	14,126	13,141	12,368	9,540	11,526
Pennsylvania .....	59,116	40,901	30,451	33,560	32,401	33,662
Rhode Island .....	<sup>R</sup> 8,174	<sup>R</sup> 5,646	<sup>R</sup> 5,543	5,600	<sup>R</sup> 5,848	<sup>R</sup> 5,796
South Carolina .....	12,476	11,018	11,703	15,871	16,345	15,029
South Dakota .....	3,230	2,114	1,017	<sup>R</sup> 775	<sup>R</sup> 1,169	<sup>R</sup> 1,012
Tennessee .....	20,128	13,407	11,168	12,627	12,436	13,083
Texas .....	<sup>R</sup> 258,934	<sup>R</sup> 265,305	296,066	<sup>R</sup> 349,024	<sup>R</sup> 359,406	<sup>R</sup> 335,694
Utah .....	13,333	10,897	7,123	5,979	5,589	5,523
Vermont .....	797	478	341	329	324	422
Virginia .....	NA	NA	14,745	18,113	18,050	15,150
Washington .....	21,060	15,396	12,849	11,725	10,549	11,958
West Virginia .....	9,833	6,788	4,692	5,312	5,033	5,373
Wisconsin .....	39,144	28,492	16,887	16,364	16,913	16,314
Wyoming .....	6,844	5,936	4,462	4,039	NA	4,289
<b>Total .....</b>	<b><sup>R</sup>1,734,204</b>	<b><sup>R</sup>1,490,128</b>	<b><sup>R</sup>1,383,079</b>	<b><sup>R</sup>1,542,428</b>	<b><sup>R</sup>1,582,017</b>	<b><sup>R</sup>1,425,644</b>

See footnotes at end of table.

**Table 19. Natural Gas Deliveries to All Consumers, by State, 2001-2003**

(Million Cubic Feet) — Continued

State	2002					2001
	May	April	March	February	January	Total
Alabama .....	23,870	26,183	31,929	33,273	36,232	299,529
Alaska .....	NA	10,482	11,259	11,497	12,702	132,428
Arizona .....	14,438	14,248	NA	19,930	19,942	218,484
Arkansas .....	15,335	19,058	22,293	24,963	24,498	217,640
California .....	153,357	159,717	200,926	181,502	219,717	2,398,461
Colorado .....	NA	NA	NA	NA	NA	332,075
Connecticut .....	<sup>R</sup> 12,877	<sup>R</sup> 12,715	<sup>R</sup> 18,256	<sup>R</sup> 17,620	19,376	143,183
Delaware .....	<sup>R</sup> 3,114	<sup>R</sup> 4,231	<sup>R</sup> 5,296	<sup>R</sup> 5,319	5,911	50,044
District of Columbia .....	1,528	2,045	3,678	4,192	4,776	29,493
Florida .....	58,344	56,644	50,985	41,980	50,631	533,855
Georgia .....	23,198	24,061	33,778	39,934	44,471	343,212
Hawaii .....	226	234	225	226	236	2,818
Idaho .....	4,567	5,692	7,960	8,660	8,836	73,655
Illinois .....	61,100	93,385	124,409	119,301	<sup>R</sup> 132,672	940,403
Indiana .....	32,202	44,407	58,059	58,667	65,424	494,360
Iowa .....	13,401	18,695	25,611	24,856	28,605	215,309
Kansas .....	13,865	17,372	25,482	24,967	29,140	224,347
Kentucky .....	12,182	<sup>R</sup> 14,695	<sup>R</sup> 22,952	<sup>R</sup> 24,237	<sup>R</sup> 25,823	191,531
Louisiana .....	84,631	87,619	94,445	<sup>R</sup> 88,762	<sup>R</sup> 94,211	1,067,867
Maine .....	NA	NA	7,776	7,309	7,995	94,569
Maryland .....	8,919	12,619	20,768	22,880	24,303	181,626
Massachusetts .....	29,148	31,716	41,371	41,686	43,993	345,791
Michigan .....	63,615	86,554	103,592	108,258	119,161	874,325
Minnesota .....	21,577	28,735	NA	36,109	42,111	321,875
Mississippi .....	<sup>R</sup> 26,053	<sup>R</sup> 29,234	<sup>R</sup> 33,870	<sup>R</sup> 33,995	<sup>R</sup> 35,221	298,263
Missouri .....	16,373	24,540	34,414	36,000	40,301	281,763
Montana .....	4,023	NA	7,167	6,773	7,648	54,476
Nebraska .....	6,627	10,315	12,693	13,835	15,877	118,890
Nevada .....	11,819	11,155	15,996	17,060	18,682	175,505
New Hampshire .....	1,936	2,231	3,047	2,968	2,953	23,373
New Jersey .....	35,689	46,321	<sup>R</sup> 59,565	65,385	73,605	560,887
New Mexico .....	7,782	9,599	12,946	14,126	14,254	146,581
New York .....	<sup>R</sup> 81,356	<sup>R</sup> 100,400	<sup>R</sup> 130,442	<sup>R</sup> 135,624	<sup>R</sup> 140,638	1,165,279
North Carolina .....	14,532	18,048	24,435	26,037	29,015	196,507
North Dakota .....	2,428	3,079	NA	3,946	5,001	38,787
Ohio .....	53,355	71,359	95,800	99,805	107,482	784,974
Oklahoma .....	26,931	<sup>R</sup> 35,076	38,870	41,877	40,872	441,965
Oregon .....	12,786	14,670	21,361	22,285	26,454	218,457
Pennsylvania .....	38,723	54,038	71,655	72,738	81,644	595,675
Rhode Island .....	<sup>R</sup> 6,418	<sup>R</sup> 6,974	<sup>R</sup> 8,100	<sup>R</sup> 9,205	<sup>R</sup> 11,111	95,288
South Carolina .....	14,946	14,556	16,619	17,888	20,585	138,846
South Dakota .....	<sup>R</sup> 1,604	<sup>R</sup> 2,551	<sup>R</sup> 3,853	3,497	3,932	30,753
Tennessee .....	13,905	19,739	27,347	31,383	36,423	242,044
Texas .....	<sup>R</sup> 302,044	<sup>R</sup> 321,293	<sup>R</sup> 299,455	<sup>R</sup> 291,366	<sup>R</sup> 326,861	3,985,395
Utah .....	7,465	8,370	15,015	17,435	20,057	134,650
Vermont .....	569	804	954	1,143	1,120	7,905
Virginia .....	14,749	17,069	22,773	<sup>R</sup> 26,574	31,232	228,413
Washington .....	15,835	21,072	27,499	28,051	30,757	303,411
West Virginia .....	7,032	8,734	11,760	12,308	13,537	103,414
Wisconsin .....	24,361	31,852	48,191	43,495	49,468	356,712
Wyoming .....	5,395	6,284	7,090	6,285	8,177	60,375
<b>Total .....</b>	<b><sup>R</sup>1,449,518</b>	<b><sup>R</sup>1,703,578</b>	<b><sup>R</sup>2,077,479</b>	<b><sup>R</sup>2,073,306</b>	<b><sup>R</sup>2,303,846</b>	<b>20,533,988</b>

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total for commercial deliveries but not in the monthly components. See

Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

**Sources:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-906, "Power Plant Report."

**Table 20. Average City Gate Price, by State, 2001-2003**

(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				July	June	May	April	March
Alabama .....	5.97	4.73	7.21	8.50	8.39	6.76	6.04	7.55
Alaska .....	2.29	2.40	2.34	2.12	2.14	2.37	2.36	2.30
Arizona .....	4.74	3.62	5.84	5.06	5.17	4.78	4.22	5.21
Arkansas .....	NA	5.12	6.56	6.46	6.99	6.94	NA	NA
California .....	NA	2.97	8.51	4.85	6.63	5.05	4.75	6.68
Colorado .....	4.18	2.79	5.14	3.12	2.18	5.76	4.21	4.90
Connecticut .....	6.25	6.41	9.59	4.77	5.53	5.58	5.26	7.49
Delaware .....	5.59	5.19	6.16	5.40	5.92	5.31	5.67	6.37
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	6.03	3.68	6.65	5.73	6.48	5.80	5.86	7.20
Georgia .....	6.50	3.95	7.25	5.97	6.48	6.45	6.07	8.66
Hawaii .....	8.73	6.71	8.07	7.97	8.96	9.53	9.84	8.72
Idaho .....	3.92	3.72	5.74	5.62	6.82	4.78	4.12	4.28
Illinois .....	NA	3.48	6.93	5.20	6.11	5.68	5.12	8.69
Indiana .....	NA	3.43	5.34	7.57	7.15	5.74	5.96	8.14
Iowa .....	6.39	3.71	7.39	7.23	7.00	6.37	6.96	8.15
Kansas .....	6.23	3.98	7.39	6.32	5.73	5.95	6.30	8.61
Kentucky .....	5.87	4.36	7.36	6.13	6.78	6.07	6.78	7.30
Louisiana .....	NA	3.61	6.68	5.69	6.25	5.68	4.49	NA
Maine .....	5.49	3.92	7.22	4.75	5.01	6.08	4.39	6.97
Maryland .....	7.01	4.53	7.75	7.45	8.48	6.98	6.83	8.93
Massachusetts .....	7.78	4.62	7.45	7.87	9.31	6.67	7.05	10.15
Michigan .....	5.33	4.19	4.26	5.48	5.80	5.21	4.95	6.58
Minnesota .....	6.06	3.64	6.89	5.98	5.55	5.06	5.56	8.48
Mississippi .....	NA	3.95	6.97	6.40	6.81	5.77	5.81	NA
Missouri .....	6.00	4.27	7.37	7.61	8.45	7.12	6.18	8.39
Montana .....	5.13	2.67	4.86	5.27	*5.35	4.94	4.68	6.17
Nebraska .....	5.77	3.85	7.34	5.89	5.82	6.42	6.16	7.38
Nevada .....	5.41	4.26	5.52	5.90	6.48	6.48	6.72	6.65
New Hampshire .....	NA	4.08	5.19	4.57	4.83	5.95	NA	8.42
New Jersey .....	7.15	4.90	7.39	7.88	7.87	7.10	7.01	9.29
New Mexico .....	4.91	2.50	4.95	4.53	4.70	4.04	4.23	5.70
New York .....	NA	3.68	5.85	5.06	5.74	5.71	5.46	7.25
North Carolina .....	6.96	4.15	7.96	7.51	8.07	7.34	7.17	9.58
North Dakota .....	5.73	3.36	5.76	7.79	7.05	5.47	5.00	7.00
Ohio .....	NA	4.58	9.42	NA	7.99	4.55	9.74	7.32
Oklahoma .....	5.66	3.97	7.31	5.33	5.90	6.04	5.45	7.81
Oregon .....	NA	5.29	4.94	NA	6.18	5.19	4.97	4.25
Pennsylvania .....	6.52	NA	7.36	8.02	8.78	7.01	6.89	7.72
Rhode Island .....	NA	4.53	6.86	NA	11.59	8.31	6.44	8.98
South Carolina .....	6.91	4.84	6.99	7.38	7.94	7.06	6.66	9.45
South Dakota .....	6.36	4.13	7.91	8.00	7.32	6.62	7.07	8.50
Tennessee .....	6.06	3.98	7.09	5.68	6.32	5.59	5.63	7.68
Texas .....	NA	3.58	6.03	5.30	6.02	4.87	5.03	7.54
Utah .....	4.57	4.16	5.96	5.94	4.39	3.62	3.76	4.32
Vermont .....	5.21	5.01	4.97	4.72	4.98	5.30	5.17	4.73
Virginia .....	6.50	NA	7.30	7.04	7.77	7.85	6.92	6.69
Washington .....	NA	3.69	6.43	NA	6.22	5.35	4.82	6.44
West Virginia .....	NA	4.18	4.76	NA	5.53	NA	*5.92	NA
Wisconsin .....	6.35	3.96	7.05	7.98	8.27	6.74	6.11	8.36
Wyoming .....	2.26	NA	7.37	1.48	1.53	2.01	1.90	2.98
<b>Total .....</b>	<b>6.00</b>	<b>3.97</b>	<b>6.78</b>	<b>5.81</b>	<b>*6.38</b>	<b>5.66</b>	<b>*5.61</b>	<b>7.58</b>

See footnotes at end of table.

**Table 20. Average City Gate Price, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama .....	5.19	4.66	4.74	4.57	4.97	5.05	4.69	4.81
Alaska .....	2.22	2.35	NA	2.44	2.46	2.27	2.39	NA
Arizona .....	4.74	4.32	3.79	4.12	3.92	3.77	4.32	4.26
Arkansas .....	NA	NA	5.17	5.41	5.21	5.07	4.89	5.10
California .....	4.89	NA	NA	NA	4.04	3.35	2.86	2.82
Colorado .....	4.49	3.62	<sup>R</sup> 2.72	3.28	3.01	2.08	1.70	1.59
Connecticut .....	5.89	7.33	NA	6.55	6.48	6.32	NA	6.54
Delaware .....	5.37	5.11	NA	4.38	NA	8.54	5.32	4.32
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	5.83	5.49	3.90	4.83	4.74	4.27	3.66	3.47
Georgia .....	6.46	5.88	4.58	5.36	5.67	5.53	5.27	4.85
Hawaii .....	8.30	7.89	7.17	7.90	8.20	7.78	7.76	7.53
Idaho .....	3.20	3.29	NA	3.10	3.11	3.43	NA	NA
Illinois .....	6.55	NA	3.68	3.10	4.51	4.49	4.68	3.30
Indiana .....	6.21	NA	3.58	4.10	4.31	3.66	2.96	2.29
Iowa .....	5.83	5.30	4.15	5.11	4.79	4.41	4.17	5.08
Kansas .....	5.67	5.33	4.11	5.26	5.07	3.89	3.47	3.21
Kentucky .....	5.71	4.98	4.45	4.72	4.71	4.35	3.91	4.17
Louisiana .....	NA	5.51	NA	5.12	NA	4.46	4.37	3.59
Maine .....	5.70	4.90	4.03	4.56	4.61	3.87	3.15	3.73
Maryland .....	6.90	5.92	<sup>R</sup> 4.91	5.47	5.24	5.44	<sup>R</sup> 5.69	5.04
Massachusetts .....	7.17	7.16	NA	NA	4.61	5.15	6.26	7.38
Michigan .....	4.86	4.38	4.10	4.18	4.11	3.87	3.96	3.68
Minnesota .....	5.89	5.09	NA	5.08	4.91	4.08	3.96	NA
Mississippi .....	NA	5.24	4.14	4.49	4.93	4.31	3.92	3.69
Missouri .....	5.22	4.75	4.56	4.78	4.92	4.89	5.79	5.60
Montana .....	5.18	4.61	2.98	4.82	3.70	2.86	2.53	2.00
Nebraska .....	5.19	4.78	4.09	4.88	4.59	4.03	3.98	4.08
Nevada .....	4.09	4.04	4.39	4.68	4.45	4.33	4.87	5.18
New Hampshire .....	NA	NA	4.11	5.27	3.59	3.97	3.59	3.37
New Jersey .....	6.61	6.08	5.31	5.87	5.96	5.98	5.75	5.11
New Mexico .....	5.34	4.62	2.91	4.04	3.58	2.96	2.20	2.57
New York .....	NA	5.41	3.87	5.21	4.63	4.13	2.91	3.10
North Carolina .....	6.24	5.67	4.52	5.20	5.15	4.86	4.75	4.48
North Dakota .....	5.21	4.89	3.70	5.38	4.42	3.19	3.56	2.95
Ohio .....	7.05	6.01	<sup>R</sup> 4.73	5.00	4.84	7.24	4.34	2.48
Oklahoma .....	5.30	4.84	4.23	4.56	4.79	4.29	4.01	3.34
Oregon .....	4.37	4.64	5.25	4.69	4.76	5.43	6.58	6.35
Pennsylvania .....	6.13	5.44	NA	5.20	5.12	5.46	NA	4.56
Rhode Island .....	5.98	4.35	4.79	4.47	5.09	6.02	7.01	5.03
South Carolina .....	6.28	5.72	4.91	4.89	4.96	5.21	5.19	5.03
South Dakota .....	5.38	5.03	4.21	5.13	4.23	3.32	3.71	4.25
Tennessee .....	6.14	5.45	4.13	4.80	4.46	4.01	3.69	3.66
Texas .....	NA	<sup>R</sup> 5.52	NA	4.29	NA	4.35	3.54	3.63
Utah .....	5.12	4.97	4.07	4.56	3.81	3.53	3.93	2.55
Vermont .....	5.52	5.43	4.85	4.54	4.30	4.43	5.14	5.53
Virginia .....	6.56	5.65	NA	5.52	4.73	5.41	5.98	5.00
Washington .....	4.48	4.48	3.83	4.24	4.45	3.51	3.81	3.80
West Virginia .....	NA	NA	4.30	3.89	4.64	4.45	5.84	6.64
Wisconsin .....	5.73	5.03	4.36	4.90	5.01	4.58	5.59	5.76
Wyoming .....	2.59	2.47	NA	NA	NA	NA	3.99	3.16
<b>Total .....</b>	<b>5.87</b>	<b><sup>R</sup>5.31</b>	<b>4.14</b>	<b>4.69</b>	<b>4.62</b>	<b>4.29</b>	<b>3.96</b>	<b>3.63</b>

See footnotes at end of table.

**Table 20. Average City Gate Price, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2002							2001
	July	June	May	April	March	February	January	Total
Alabama .....	5.18	5.22	4.89	4.37	4.49	4.80	4.71	6.63
Alaska .....	2.38	2.31	2.34	2.39	2.41	2.41	2.44	2.32
Arizona .....	4.16	3.78	3.80	3.70	3.74	3.35	3.41	5.02
Arkansas .....	5.58	4.75	4.97	5.08	5.16	5.20	5.02	6.11
California .....	3.10	2.98	3.18	3.85	2.76	2.42	2.68	6.64
Colorado .....	1.95	3.65	2.38	2.87	3.15	2.58	<sup>R</sup> 2.95	4.25
Connecticut .....	7.17	6.97	6.74	7.38	5.71	5.56	6.72	8.12
Delaware .....	5.38	6.30	5.40	5.80	6.70	4.07	4.47	5.16
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	4.29	3.78	3.95	4.01	3.51	3.27	3.35	5.28
Georgia .....	5.19	5.27	6.39	3.70	3.18	4.21	2.44	6.02
Hawaii .....	7.66	7.62	6.66	6.44	6.03	6.10	6.49	7.86
Idaho .....	6.28	4.71	3.43	3.36	3.56	3.53	3.77	4.85
Illinois .....	3.76	3.96	3.53	3.93	3.13	3.16	3.52	5.54
Indiana .....	2.60	3.80	3.61	3.89	3.37	3.33	3.37	4.50
Iowa .....	5.01	4.86	4.21	4.03	3.51	3.39	3.46	5.92
Kansas .....	3.63	4.39	4.26	4.77	3.98	3.80	3.65	6.06
Kentucky .....	3.77	3.97	4.65	5.47	4.06	4.69	4.08	6.32
Louisiana .....	3.82	4.10	4.07	3.80	3.23	3.22	3.91	5.55
Maine .....	3.49	3.76	3.42	3.37	3.99	4.79	4.02	6.82
Maryland .....	5.69	5.46	5.34	5.30	4.18	4.44	4.06	6.78
Massachusetts .....	7.41	7.35	5.56	4.23	4.29	4.24	3.80	6.64
Michigan .....	3.84	3.93	3.94	3.51	4.76	4.45	4.54	4.08
Minnesota .....	3.98	4.13	3.83	3.54	3.64	3.65	3.42	5.84
Mississippi .....	3.78	4.18	3.88	4.42	3.62	3.76	4.14	6.00
Missouri .....	6.43	6.44	5.46	4.94	4.03	3.97	3.65	6.33
Montana .....	1.75	2.16	2.76	3.05	2.72	2.64	3.09	3.93
Nebraska .....	4.02	4.17	4.36	4.31	3.63	3.58	3.77	6.23
Nevada .....	4.61	3.99	3.81	4.35	4.48	4.27	4.20	5.06
New Hampshire .....	3.50	3.22	3.43	4.37	3.88	3.14	7.84	4.30
New Jersey .....	5.65	5.90	5.74	4.48	4.97	4.84	4.31	6.41
New Mexico .....	2.55	2.17	2.42	2.90	2.44	2.23	2.71	3.99
New York .....	3.21	3.47	3.59	3.57	3.98	3.47	4.19	4.71
North Carolina .....	4.54	4.92	4.39	4.51	3.81	3.72	4.06	6.74
North Dakota .....	2.42	3.27	3.63	3.54	3.23	3.26	3.54	4.82
Ohio .....	<sup>R</sup> 4.30	5.29	7.73	6.27	5.17	4.28	3.63	8.25
Oklahoma .....	3.51	3.48	3.93	4.14	3.79	4.07	3.92	6.48
Oregon .....	6.86	6.63	5.69	5.46	5.17	5.10	4.75	5.04
Pennsylvania .....	5.88	5.73	5.62	NA	4.91	5.20	4.44	6.68
Rhode Island .....	5.99	5.82	5.40	5.08	4.18	4.07	4.08	6.40
South Carolina .....	5.11	5.35	5.35	5.23	4.39	4.30	4.96	6.16
South Dakota .....	3.97	4.89	4.10	4.98	3.69	4.04	4.10	6.21
Tennessee .....	3.82	3.83	4.13	3.50	3.78	3.99	4.35	6.11
Texas .....	3.44	3.69	4.19	4.13	3.29	3.25	3.61	5.13
Utah .....	3.48	4.00	3.54	3.60	4.18	4.54	4.34	5.61
Vermont .....	5.13	5.31	4.65	4.81	4.82	5.01	5.32	4.83
Virginia .....	5.87	6.28	5.62	4.47	3.33	3.99	NA	6.76
Washington .....	4.34	4.73	4.07	4.28	3.86	4.09	2.24	5.31
West Virginia .....	6.61	6.66	4.67	4.44	3.85	3.82	3.90	4.88
Wisconsin .....	5.89	5.65	4.19	4.32	3.47	3.74	3.71	5.90
Wyoming .....	NA	2.59	2.62	4.07	3.95	3.98	3.97	6.39
<b>Total .....</b>	<b>3.92</b>	<b>4.14</b>	<b>4.07</b>	<b>4.17</b>	<b>3.85</b>	<b>3.77</b>	<b><sup>R</sup>4.05</b>	<b>5.72</b>

<sup>R</sup> Revised Data.

NA Not Available.

— Not Applicable.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the

point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."



**Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				July	June	May	April	March
Alabama .....	10.92	10.34	11.80	12.81	16.60	15.56	14.08	11.18
Alaska .....	NA	4.18	4.26	NA	NA	4.62	4.31	4.33
Arizona .....	10.81	12.24	9.67	15.55	14.26	12.34	11.12	10.24
Arkansas .....	9.72	9.02	10.62	15.97	15.82	14.37	11.83	9.42
California .....	9.19	6.82	12.51	9.84	9.53	9.05	9.26	9.53
Colorado .....	5.82	5.59	8.79	10.53	9.33	8.24	7.39	5.59
Connecticut .....	13.10	10.97	12.67	15.83	14.75	15.39	14.15	14.52
Delaware .....	10.18	11.14	8.73	13.92	13.47	12.31	10.84	10.69
District of Columbia .....	13.00	11.00	13.03	17.65	15.56	14.95	13.60	13.73
Florida .....	16.21	13.21	15.87	21.08	20.59	19.48	18.24	17.64
Georgia .....	11.81	10.05	11.27	16.80	<sup>R</sup> 17.61	14.09	14.14	13.06
Hawaii .....	25.35	23.60	22.29	25.09	25.30	26.60	26.24	25.60
Idaho .....	6.90	9.01	8.14	9.16	7.77	7.06	6.94	6.76
Illinois .....	8.61	5.72	10.79	12.78	12.21	10.76	9.64	10.19
Indiana .....	9.58	7.37	10.30	13.79	12.57	11.39	11.49	10.96
Iowa .....	9.07	6.37	9.99	15.20	13.78	10.55	10.33	9.83
Kansas .....	8.25	8.07	9.59	14.38	13.71	11.33	9.81	7.86
Kentucky .....	8.49	7.47	10.24	13.79	13.33	12.77	10.53	8.90
Louisiana .....	NA	7.31	11.19	13.13	13.89	12.09	10.27	NA
Maine .....	12.21	NA	12.33	17.32	16.14	15.50	13.56	12.00
Maryland .....	11.08	9.63	12.36	14.27	14.49	13.81	12.06	10.97
Massachusetts .....	12.33	9.68	12.84	14.88	13.20	13.92	14.18	12.40
Michigan .....	6.81	6.20	5.52	10.43	9.37	7.95	7.27	6.61
Minnesota .....	8.54	6.24	9.92	10.52	11.42	8.82	7.91	10.89
Mississippi .....	NA	7.29	10.92	11.82	12.08	10.91	9.26	NA
Missouri .....	8.83	7.58	10.57	15.37	12.63	11.70	9.67	8.49
Montana .....	6.45	5.39	7.47	10.25	7.44	6.71	7.08	6.32
Nebraska .....	7.60	5.76	9.24	11.17	9.88	8.29	8.63	8.27
Nevada .....	8.71	9.62	8.47	11.01	10.38	9.55	9.15	8.25
New Hampshire .....	10.52	9.72	12.54	18.24	15.55	11.97	10.44	9.81
New Jersey .....	7.92	7.07	7.35	9.31	8.84	8.64	8.52	7.91
New Mexico .....	NA	6.37	7.72	12.74	10.97	9.23	NA	8.40
New York .....	NA	9.48	11.82	15.73	14.08	12.68	11.97	11.46
North Carolina .....	10.66	8.90	12.71	18.17	16.61	14.02	12.10	11.03
North Dakota .....	7.25	5.07	9.17	12.04	10.74	8.19	7.96	8.07
Ohio .....	8.69	7.21	10.30	10.65	10.40	9.07	9.84	8.93
Oklahoma .....	8.05	NA	9.80	13.53	12.71	11.40	9.18	7.67
Oregon .....	9.45	10.70	9.19	11.51	10.08	9.27	9.46	9.34
Pennsylvania .....	10.50	9.02	11.63	15.92	13.99	12.42	11.29	10.07
Rhode Island .....	11.31	11.62	11.86	12.93	14.15	13.38	11.18	10.78
South Carolina .....	11.48	9.72	12.47	15.84	15.18	13.51	12.91	12.37
South Dakota .....	8.38	6.53	9.85	12.74	11.45	9.54	9.61	8.92
Tennessee .....	9.57	7.61	10.64	13.30	11.35	10.54	9.75	9.79
Texas .....	8.91	6.98	9.84	12.79	12.68	11.00	10.55	9.74
Utah .....	6.91	6.30	8.52	9.45	7.77	6.68	6.15	6.85
Vermont .....	9.62	10.35	9.56	13.07	11.69	10.28	9.60	9.29
Virginia .....	NA	9.85	12.26	19.83	17.59	16.35	12.76	13.60
Washington .....	NA	9.76	9.70	NA	8.87	8.68	7.78	7.44
West Virginia .....	NA	NA	7.76	NA	9.11	<sup>R</sup> 9.87	<sup>R</sup> 8.86	7.26
Wisconsin .....	9.36	7.02	9.80	11.45	11.29	9.07	9.39	11.45
Wyoming .....	6.58	NA	8.81	12.79	9.28	7.88	6.57	5.81
<b>Total .....</b>	<b>9.23</b>	<b>7.64</b>	<b>10.27</b>	<b>12.42</b>	<b><sup>R</sup>11.76</b>	<b>10.55</b>	<b><sup>R</sup>10.04</b>	<b>9.71</b>

See footnotes at end of table.

**Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama .....	9.45	9.40	10.57	9.44	11.47	14.52	14.37	14.52
Alaska .....	4.33	4.20	4.26	4.31	4.26	4.31	4.56	4.94
Arizona .....	10.18	9.65	12.36	10.42	12.46	15.00	16.03	16.37
Arkansas .....	8.27	8.35	8.95	8.66	8.30	8.75	10.06	10.09
California .....	8.83	8.87	7.09	7.73	7.87	7.50	7.26	7.15
Colorado .....	4.45	4.57	5.40	4.48	4.64	5.08	7.76	9.31
Connecticut .....	11.57	11.71	<sup>R</sup> 11.15	11.10	<sup>R</sup> 11.05	11.89	14.52	12.46
Delaware .....	9.59	8.67	11.05	9.41	10.61	13.72	15.71	15.95
District of Columbia .....	13.40	11.24	11.19	10.71	11.58	11.77	15.60	11.36
Florida .....	14.03	13.14	13.91	13.05	15.94	16.89	17.09	16.96
Georgia .....	11.09	9.52	9.92	9.07	8.37	11.29	13.81	13.98
Hawaii .....	24.88	23.82	23.10	18.44	22.93	19.51	24.67	26.27
Idaho .....	6.67	6.64	8.42	6.76	7.11	7.58	7.94	8.63
Illinois .....	7.37	7.08	6.32	6.84	7.12	7.40	9.52	10.07
Indiana .....	8.65	8.06	7.64	7.82	7.78	7.58	10.95	11.35
Iowa .....	7.73	7.75	7.05	7.77	7.45	8.45	12.51	13.51
Kansas .....	7.33	6.88	8.06	7.00	7.24	10.12	12.12	12.61
Kentucky .....	7.52	7.33	7.56	7.05	7.12	9.05	10.44	11.28
Louisiana .....	8.79	8.41	NA	8.59	10.55	10.91	NA	9.94
Maine .....	11.77	9.87	NA	13.09	12.18	11.66	12.43	14.04
Maryland .....	9.50	9.19	9.71	9.15	9.21	10.35	12.72	14.78
Massachusetts .....	11.33	11.09	NA	NA	9.81	9.75	11.64	12.05
Michigan .....	6.21	6.13	6.32	6.04	6.25	7.02	8.85	9.20
Minnesota .....	7.79	7.25	NA	7.05	7.19	6.60	7.85	NA
Mississippi .....	NA	8.89	NA	7.41	NA	9.87	9.69	9.09
Missouri .....	8.01	7.75	7.94	7.75	7.97	10.09	12.47	13.46
Montana .....	6.02	5.84	5.27	4.98	4.65	4.87	6.06	6.84
Nebraska .....	6.68	6.52	6.12	6.30	6.43	7.65	9.48	9.83
Nevada .....	8.31	7.99	9.69	8.64	9.80	10.96	11.36	11.85
New Hampshire .....	9.63	9.69	9.90	9.96	9.23	11.05	12.08	13.24
New Jersey .....	7.62	7.42	7.26	7.34	7.48	8.24	8.08	8.15
New Mexico .....	7.29	6.66	6.60	6.32	6.53	8.24	9.56	9.78
New York .....	NA	9.41	<sup>R</sup> 9.86	<sup>R</sup> 9.55	<sup>R</sup> 10.15	<sup>R</sup> 11.91	13.12	13.47
North Carolina .....	9.35	9.34	9.36	9.40	9.53	11.53	14.85	16.04
North Dakota .....	6.39	6.11	NA	5.41	5.13	4.44	6.43	NA
Ohio .....	8.41	7.78	7.52	7.59	7.82	8.52	10.41	10.60
Oklahoma .....	7.55	6.37	NA	7.18	7.84	9.74	10.77	10.59
Oregon .....	9.33	9.23	10.55	9.32	9.59	11.25	12.77	13.14
Pennsylvania .....	9.45	9.45	9.43	9.17	9.43	11.86	14.02	14.49
Rhode Island .....	10.66	10.81	11.39	8.58	11.68	13.41	15.00	15.71
South Carolina .....	10.46	10.34	10.02	10.26	10.92	11.34	11.87	11.70
South Dakota .....	7.63	6.92	6.77	7.47	6.39	6.55	9.32	10.26
Tennessee .....	9.33	9.07	7.87	8.00	8.08	9.67	10.47	10.92
Texas .....	<sup>R</sup> 8.57	6.92	<sup>R</sup> 7.30	6.99	<sup>R</sup> 7.27	9.08	10.76	10.84
Utah .....	6.61	7.16	6.38	6.77	6.33	5.59	7.48	7.53
Vermont .....	9.23	9.33	10.39	9.45	9.82	11.77	14.04	14.29
Virginia .....	NA	9.27	<sup>R</sup> 9.86	9.19	8.90	11.15	15.67	12.92
Washington .....	NA	7.46	9.35	7.47	8.19	9.29	10.46	10.56
West Virginia .....	7.80	NA	NA	7.84	8.08	8.87	11.63	12.85
Wisconsin .....	8.64	8.23	7.37	8.02	8.21	6.88	8.54	8.95
Wyoming .....	5.94	6.02	NA	4.20	5.02	5.18	7.43	10.14
<b>Total .....</b>	<b><sup>R</sup>8.43</b>	<b>8.07</b>	<b><sup>R</sup>7.88</b>	<b><sup>R</sup>7.83</b>	<b><sup>R</sup>7.97</b>	<b><sup>R</sup>8.60</b>	<b>10.19</b>	<b>10.42</b>

See footnotes at end of table.

**Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2002							2001
	July	June	May	April	March	February	January	Total
Alabama .....	14.40	12.98	13.39	11.07	9.40	10.06	9.58	12.06
Alaska .....	5.17	<sup>R</sup> 2.66	4.50	4.33	4.31	4.27	4.39	4.23
Arizona .....	16.04	14.59	13.73	12.26	12.27	11.41	11.67	10.51
Arkansas .....	10.17	10.01	9.70	9.22	8.74	8.86	8.89	10.03
California .....	7.20	7.16	7.29	6.84	5.99	6.67	7.11	10.43
Colorado .....	9.06	9.07	6.81	5.90	5.45	4.73	5.25	8.36
Connecticut .....	<sup>R</sup> 14.31	12.56	<sup>R</sup> 11.83	<sup>R</sup> 10.97	<sup>R</sup> 10.40	<sup>R</sup> 10.34	10.88	12.20
Delaware .....	14.97	13.64	12.31	11.18	10.81	10.75	10.53	9.06
District of Columbia .....	11.55	11.59	11.87	12.76	10.88	10.23	10.78	12.65
Florida .....	16.53	15.73	15.15	13.81	12.28	11.75	12.16	15.73
Georgia .....	14.73	13.40	13.37	11.78	9.52	8.72	9.00	10.58
Hawaii .....	24.92	23.67	23.59	23.17	23.21	23.30	23.44	22.55
Idaho .....	9.56	9.74	9.34	9.16	8.96	8.79	8.88	8.48
Illinois .....	10.27	10.00	7.89	5.62	5.05	5.01	5.07	9.04
Indiana .....	12.85	12.12	8.89	7.67	6.37	6.58	6.90	9.57
Iowa .....	13.02	10.49	7.52	6.43	5.90	5.71	5.60	8.90
Kansas .....	12.64	11.69	10.43	8.69	7.39	7.15	7.54	9.38
Kentucky .....	11.32	9.65	10.15	7.47	6.25	7.51	7.35	9.54
Louisiana .....	9.98	9.60	9.30	7.96	6.87	<sup>R</sup> 6.78	<sup>R</sup> 6.47	10.47
Maine .....	13.74	NA	10.51	11.69	11.55	11.42	10.75	12.31
Maryland .....	14.77	13.24	11.83	10.55	9.05	8.34	9.16	11.66
Massachusetts .....	10.96	9.76	9.05	9.62	9.72	9.46	9.88	12.80
Michigan .....	8.65	7.18	6.52	6.14	6.11	6.07	5.78	5.77
Minnesota .....	8.38	7.84	6.62	6.80	5.87	5.75	5.98	8.74
Mississippi .....	9.09	9.36	9.68	7.83	6.37	6.92	7.24	10.32
Missouri .....	12.69	10.71	8.89	7.40	6.91	7.25	7.18	10.47
Montana .....	6.35	5.85	5.16	5.23	4.98	5.35	5.77	7.26
Nebraska .....	9.54	8.49	7.11	5.81	5.19	5.26	5.40	8.71
Nevada .....	11.45	10.78	10.55	9.64	9.20	9.07	9.53	8.96
New Hampshire .....	12.22	10.30	10.15	9.88	9.57	9.46	9.17	12.75
New Jersey .....	8.02	7.67	6.72	6.71	6.95	6.91	7.35	7.70
New Mexico .....	9.65	9.07	7.77	5.23	4.45	8.13	5.51	7.32
New York .....	<sup>R</sup> 13.11	<sup>R</sup> 11.72	<sup>R</sup> 10.02	<sup>R</sup> 9.40	9.20	8.74	9.12	11.75
North Carolina .....	15.20	13.50	11.06	8.79	8.02	8.59	8.33	12.34
North Dakota .....	7.74	7.37	6.07	5.30	4.52	4.71	4.82	7.68
Ohio .....	8.97	8.07	7.17	6.99	6.77	7.22	7.29	9.67
Oklahoma .....	NA	9.68	9.02	7.54	7.48	7.61	7.38	9.58
Oregon .....	12.29	11.55	10.61	10.73	10.61	10.55	10.49	9.70
Pennsylvania .....	13.49	11.90	10.25	8.92	8.55	8.68	8.23	11.51
Rhode Island .....	14.57	12.72	11.74	11.75	11.49	11.26	11.13	12.17
South Carolina .....	11.27	10.75	10.40	10.01	9.26	9.93	9.43	12.09
South Dakota .....	10.81	9.45	7.29	6.67	6.17	6.03	6.00	8.57
Tennessee .....	10.72	9.77	9.39	7.70	7.27	7.62	7.04	10.16
Texas .....	10.53	10.32	11.03	7.12	6.00	6.17	6.68	8.90
Utah .....	7.22	7.10	6.52	6.68	6.06	6.17	6.18	8.09
Vermont .....	13.59	11.84	10.79	10.27	10.05	9.97	9.97	10.07
Virginia .....	16.41	16.98	12.87	11.17	8.49	<sup>R</sup> 8.98	8.86	11.96
Washington .....	10.42	10.17	9.98	9.78	9.71	9.60	9.62	9.79
West Virginia .....	11.93	12.02	8.98	8.46	8.06	7.99	NA	8.01
Wisconsin .....	8.99	8.39	6.90	7.64	6.68	6.59	6.97	8.76
Wyoming .....	NA	6.59	5.81	5.41	5.22	5.64	5.35	8.45
<b>Total .....</b>	<b><sup>R</sup>10.20</b>	<b><sup>R</sup>9.55</b>	<b><sup>R</sup>8.54</b>	<b><sup>R</sup>7.66</b>	<b>7.10</b>	<b><sup>R</sup>7.25</b>	<b>7.35</b>	<b>9.64</b>

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Data through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 9 for discussion of

computations and revision policy.

**Sources:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

**Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				July	June	May	April	March
Alabama .....	9.69	8.92	10.51	9.85	11.05	11.68	11.57	10.00
Alaska .....	3.35	3.16	3.05	3.05	2.84	3.22	3.30	3.79
Arizona .....	7.58	8.71	7.58	7.56	7.58	7.56	7.37	7.72
Arkansas .....	7.22	6.98	8.48	9.47	9.72	9.69	8.48	7.03
California .....	NA	5.83	11.90	7.85	7.79	7.37	8.72	8.73
Colorado .....	5.17	4.82	8.31	7.00	6.81	6.68	6.72	5.10
Connecticut .....	10.83	NA	8.45	7.08	11.02	11.95	11.85	13.35
Delaware .....	8.66	9.62	10.08	9.49	10.28	9.93	9.12	9.29
District of Columbia .....	NA	10.49	12.68	11.60	11.80	11.63	12.28	13.41
Florida .....	11.10	7.75	11.65	11.51	11.71	11.71	11.70	12.54
Georgia .....	9.92	8.04	10.36	12.05	<sup>R</sup> 12.23	11.16	11.05	11.40
Hawaii .....	19.53	17.52	17.55	19.13	19.97	20.63	20.34	19.55
Idaho .....	6.26	8.34	7.25	7.70	6.64	6.44	6.42	6.09
Illinois .....	8.26	5.69	10.01	10.92	11.08	9.81	9.21	9.50
Indiana .....	8.65	6.62	9.22	10.23	10.67	9.58	10.18	9.79
Iowa .....	7.67	5.09	8.44	9.67	9.14	8.34	8.50	8.50
Kansas .....	7.88	7.12	8.96	10.87	9.63	9.92	9.52	7.67
Kentucky .....	7.96	6.99	9.73	10.64	10.49	10.22	9.48	8.09
Louisiana .....	NA	6.49	9.54	8.92	9.19	8.68	8.22	NA
Maine .....	10.96	NA	10.87	11.58	11.41	17.75	11.53	11.11
Maryland .....	8.09	6.86	11.10	8.00	8.23	8.30	8.21	8.95
Massachusetts .....	10.79	8.46	11.85	10.95	10.65	11.53	13.18	11.56
Michigan .....	6.53	5.91	5.25	8.97	8.23	7.34	6.92	6.55
Minnesota .....	7.76	5.15	8.83	7.43	8.61	7.27	7.29	10.22
Mississippi .....	NA	6.08	9.30	7.62	7.66	7.65	7.56	NA
Missouri .....	8.24	6.86	10.26	10.30	10.00	9.60	8.95	8.14
Montana .....	6.48	5.44	7.43	9.09	<sup>R</sup> 7.62	6.84	6.99	6.37
Nebraska .....	6.97	4.80	8.43	7.17	7.24	6.50	7.49	8.12
Nevada .....	7.22	7.69	7.47	7.24	7.16	7.21	7.34	7.06
New Hampshire .....	NA	8.15	11.74	13.23	14.09	11.39	9.73	9.26
New Jersey .....	8.60	5.83	8.37	9.15	8.42	13.38	7.71	9.98
New Mexico .....	6.70	4.21	7.54	7.88	6.94	6.76	7.68	7.25
New York .....	8.96	6.42	11.02	8.25	9.09	9.45	9.65	9.99
North Carolina .....	9.08	6.83	10.88	11.27	11.18	10.73	10.13	9.41
North Dakota .....	6.92	4.74	8.51	8.31	8.03	7.13	6.89	8.80
Ohio .....	8.00	6.12	9.36	8.97	9.06	8.18	9.18	8.31
Oklahoma .....	7.87	7.30	9.23	10.40	9.87	9.46	8.58	7.73
Oregon .....	7.68	9.10	7.63	7.92	7.36	7.32	7.72	7.77
Pennsylvania .....	9.09	7.23	11.10	10.02	9.97	10.18	9.62	9.48
Rhode Island .....	9.86	10.12	10.55	10.77	11.88	10.46	10.90	9.35
South Carolina .....	9.94	7.75	10.89	9.87	10.25	9.90	10.74	11.37
South Dakota .....	7.07	5.06	8.61	8.46	8.37	7.39	7.90	7.89
Tennessee .....	8.36	7.00	10.03	9.32	8.74	7.93	8.74	9.61
Texas .....	NA	5.31	7.57	7.71	7.88	7.89	<sup>R</sup> 7.89	8.67
Utah .....	5.43	5.17	7.08	7.13	5.54	4.98	4.76	5.57
Vermont .....	7.82	8.30	7.70	8.29	8.07	7.89	7.81	7.74
Virginia .....	NA	6.80	10.07	11.12	10.09	10.73	9.93	11.28
Washington .....	NA	8.75	8.63	NA	7.69	7.40	6.71	6.68
West Virginia .....	NA	7.45	6.55	NA	7.56	NA	NA	NA
Wisconsin .....	8.19	5.85	8.67	8.26	8.65	7.39	8.17	10.29
Wyoming .....	5.04	4.99	9.01	7.90	6.59	5.55	4.65	4.88
<b>Total .....</b>	<b>8.21</b>	<b>6.45</b>	<b>9.27</b>	<b>8.76</b>	<b><sup>R</sup>8.88</b>	<b>8.72</b>	<b><sup>R</sup>8.74</b>	<b>8.95</b>

See footnotes at end of table.

**Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama .....	8.80	8.70	8.99	8.69	9.20	9.62	9.56	9.57
Alaska .....	3.77	3.39	3.03	2.92	2.77	2.71	3.14	3.14
Arizona .....	7.63	7.59	8.45	7.68	8.01	8.20	8.09	8.09
Arkansas .....	6.09	6.20	6.96	6.91	6.93	6.76	7.17	6.72
California .....	8.18	NA	5.99	7.35	6.94	5.77	5.40	5.29
Colorado .....	4.10	4.16	4.58	3.94	4.15	4.06	5.07	5.49
Connecticut .....	9.57	10.08	NA	8.74	<sup>R</sup> 8.39	7.79	5.24	6.29
Delaware .....	8.26	7.61	9.40	8.15	8.84	10.07	10.50	10.73
District of Columbia .....	12.13	NA	10.44	10.09	10.69	10.19	10.96	10.51
Florida .....	10.15	9.56	7.98	8.71	8.49	8.06	8.35	8.09
Georgia .....	8.97	8.09	8.05	7.31	7.46	8.78	9.59	10.25
Hawaii .....	18.65	18.59	17.81	18.89	17.42	18.55	18.38	17.83
Idaho .....	6.05	6.03	7.73	6.12	6.59	6.72	6.56	6.86
Illinois .....	7.19	6.99	6.19	6.75	6.93	6.89	7.74	8.21
Indiana .....	7.82	7.73	6.74	6.97	6.76	6.21	7.89	8.03
Iowa .....	6.90	6.78	5.48	6.09	6.01	5.92	6.82	7.34
Kansas .....	7.29	6.80	7.07	6.97	6.34	7.63	7.67	7.50
Kentucky .....	7.28	6.99	7.07	6.92	7.23	7.24	8.03	8.06
Louisiana .....	NA	8.03	6.83	7.92	7.99	7.47	6.81	6.44
Maine .....	9.76	10.13	NA	9.01	9.41	8.45	7.93	7.77
Maryland .....	7.85	7.57	<sup>R</sup> 6.86	7.19	6.84	6.81	<sup>R</sup> 6.39	6.26
Massachusetts .....	10.76	8.80	8.63	10.93	9.01	5.92	6.72	7.70
Michigan .....	6.07	6.03	6.05	6.22	6.01	6.51	7.51	7.44
Minnesota .....	7.28	6.66	NA	6.24	6.20	5.36	5.38	NA
Mississippi .....	NA	7.54	NA	6.71	NA	6.62	5.95	5.37
Missouri .....	7.81	7.52	7.08	7.43	7.23	7.55	8.11	8.46
Montana .....	6.10	5.87	5.28	5.05	4.69	4.69	5.64	5.86
Nebraska .....	6.57	6.15	5.02	5.88	5.52	4.88	4.81	4.64
Nevada .....	7.34	7.19	7.66	7.47	7.77	7.76	7.55	7.50
New Hampshire .....	9.04	NA	8.07	8.83	8.21	7.21	6.15	6.43
New Jersey .....	8.09	7.57	<sup>R</sup> 6.29	7.25	7.08	7.24	6.47	6.52
New Mexico .....	6.28	5.75	4.53	5.25	4.90	4.83	7.71	5.05
New York .....	<sup>R</sup> 8.51	8.13	<sup>R</sup> 6.43	<sup>R</sup> 7.56	6.38	<sup>R</sup> 6.41	5.58	5.41
North Carolina .....	8.07	8.02	7.15	7.67	7.85	7.33	7.66	7.83
North Dakota .....	6.25	5.78	NA	5.16	4.92	4.01	4.33	NA
Ohio .....	7.93	7.11	6.31	6.71	6.67	6.62	6.53	6.64
Oklahoma .....	7.63	6.87	7.28	7.16	7.07	7.67	7.59	7.27
Oregon .....	7.74	7.76	8.83	7.78	7.76	8.69	9.32	9.28
Pennsylvania .....	8.83	8.16	7.44	7.99	7.92	7.77	7.24	7.13
Rhode Island .....	9.34	9.43	<sup>R</sup> 10.05	<sup>R</sup> 9.28	<sup>R</sup> 10.09	<sup>R</sup> 10.03	<sup>R</sup> 11.56	10.55
South Carolina .....	9.52	8.90	7.89	8.66	8.58	7.47	7.47	7.37
South Dakota .....	6.59	6.04	5.25	6.17	5.24	4.87	5.63	5.91
Tennessee .....	8.52	7.13	7.12	7.37	7.24	7.44	7.26	7.37
Texas .....	NA	6.28	NA	6.36	NA	<sup>R</sup> 6.23	5.60	<sup>R</sup> 5.41
Utah .....	5.34	5.66	5.21	5.57	5.33	4.57	5.45	5.15
Vermont .....	7.78	7.79	8.20	7.80	7.81	8.08	8.63	8.69
Virginia .....	NA	7.76	7.00	7.54	6.81	6.82	7.99	7.62
Washington .....	6.69	6.67	8.30	6.71	7.28	7.80	8.09	8.03
West Virginia .....	7.27	7.13	7.48	7.11	7.38	7.67	9.09	9.39
Wisconsin .....	7.66	7.30	6.14	7.01	7.00	5.48	5.83	5.86
Wyoming .....	4.66	4.59	4.77	3.59	4.07	4.23	4.92	5.59
<b>Total .....</b>	<b><sup>R</sup>7.80</b>	<b>7.31</b>	<b>6.57</b>	<b>7.07</b>	<b><sup>R</sup>6.74</b>	<b><sup>R</sup>6.52</b>	<b><sup>R</sup>6.46</b>	<b>6.38</b>

See footnotes at end of table.

**Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2002							2001
	July	June	May	April	March	February	January	Total
Alabama .....	9.55	9.22	9.45	9.24	8.63	8.99	8.54	10.41
Alaska .....	3.04	1.99	2.91	3.34	3.40	3.32	3.42	3.16
Arizona .....	7.99	8.03	8.16	8.24	9.04	8.98	9.40	7.86
Arkansas .....	6.96	6.95	7.22	7.19	6.88	7.04	6.82	7.80
California .....	5.44	5.36	5.63	6.07	5.50	5.84	6.53	9.33
Colorado .....	5.56	5.68	4.97	4.83	5.04	4.18	4.91	7.71
Connecticut .....	6.93	7.35	6.83	7.25	5.98	NA	7.41	7.68
Delaware .....	10.83	10.67	9.77	9.70	9.41	9.34	9.49	10.27
District of Columbia .....	10.36	10.71	10.53	11.61	10.36	10.07	10.39	12.02
Florida .....	8.10	8.05	7.91	7.73	7.34	7.63	7.77	10.50
Georgia .....	11.20	10.46	9.46	9.45	7.54	7.06	6.87	9.19
Hawaii .....	18.41	18.39	17.24	16.97	16.92	17.03	17.58	17.61
Idaho .....	7.79	8.75	8.66	8.59	8.30	8.18	8.29	7.58
Illinois .....	8.61	8.91	7.36	5.61	5.31	5.11	5.14	8.55
Indiana .....	9.38	8.91	7.95	7.27	5.80	5.87	6.41	8.64
Iowa .....	7.12	6.63	5.81	5.21	4.98	4.69	4.72	7.24
Kansas .....	8.46	8.84	8.09	7.59	6.64	6.55	7.05	8.52
Kentucky .....	7.77	7.40	7.23	<sup>R</sup> 6.72	6.03	7.12	7.50	9.20
Louisiana .....	6.70	6.10	6.54	6.72	6.57	6.13	6.71	8.59
Maine .....	7.94	8.37	7.75	NA	10.36	10.81	10.08	10.77
Maryland .....	6.60	6.77	7.19	6.73	6.74	6.61	7.24	10.15
Massachusetts .....	7.58	7.96	7.53	8.28	8.29	8.78	9.15	11.41
Michigan .....	6.97	6.56	6.10	5.82	5.91	5.88	5.63	5.45
Minnesota .....	5.27	5.53	5.76	5.83	5.07	4.70	4.79	7.50
Mississippi .....	5.52	6.09	6.32	6.43	5.49	6.14	6.44	8.17
Missouri .....	8.46	7.58	6.97	6.69	6.45	6.84	6.93	9.82
Montana .....	5.86	5.67	5.27	5.33	5.06	5.44	5.82	7.35
Nebraska .....	4.84	5.01	5.11	4.91	4.62	4.65	4.89	7.47
Nevada .....	7.53	6.81	7.23	7.02	8.07	7.81	8.28	8.00
New Hampshire .....	6.91	6.70	7.11	8.10	7.73	9.48	8.96	11.15
New Jersey .....	6.53	6.27	5.89	5.79	<sup>R</sup> 6.24	5.72	5.44	7.73
New Mexico .....	4.89	4.98	4.64	3.65	3.47	4.12	4.63	6.77
New York .....	5.56	<sup>R</sup> 6.38	6.47	6.65	<sup>R</sup> 6.32	<sup>R</sup> 6.53	<sup>R</sup> 6.73	9.61
North Carolina .....	7.84	6.85	6.53	6.34	6.54	6.94	7.03	10.14
North Dakota .....	4.56	5.02	4.42	5.01	4.34	3.78	5.77	6.96
Ohio .....	6.11	6.00	5.90	5.92	5.81	6.31	6.45	8.67
Oklahoma .....	7.15	7.39	7.22	6.87	7.34	7.50	7.32	8.83
Oregon .....	9.04	9.17	8.82	9.11	9.12	9.18	9.15	7.99
Pennsylvania .....	7.49	7.37	7.29	7.17	7.16	7.18	7.25	10.67
Rhode Island .....	<sup>R</sup> 10.80	<sup>R</sup> 10.57	<sup>R</sup> 10.54	<sup>R</sup> 10.21	<sup>R</sup> 9.98	<sup>R</sup> 9.96	<sup>R</sup> 9.93	10.69
South Carolina .....	7.20	7.55	7.35	8.07	7.81	7.73	7.98	10.03
South Dakota .....	5.95	6.10	5.60	5.15	5.03	4.71	4.85	7.16
Tennessee .....	8.31	7.30	7.27	6.63	6.74	7.20	6.85	9.40
Texas .....	<sup>R</sup> 5.60	<sup>R</sup> 5.72	<sup>R</sup> 5.71	<sup>R</sup> 5.17	<sup>R</sup> 5.00	<sup>R</sup> 5.29	<sup>R</sup> 5.18	6.49
Utah .....	4.92	4.92	4.86	5.14	5.17	5.25	5.26	6.78
Vermont .....	8.68	8.49	8.29	8.29	8.23	8.30	8.23	7.95
Virginia .....	7.91	8.38	7.57	7.23	5.81	6.80	6.49	9.36
Washington .....	7.92	8.34	8.79	8.77	8.90	8.86	8.85	8.62
West Virginia .....	9.25	8.73	8.21	7.42	6.99	7.53	7.19	7.04
Wisconsin .....	6.09	6.11	5.41	6.49	5.70	5.52	5.99	7.54
Wyoming .....	4.91	5.06	4.87	4.90	4.92	5.15	5.01	8.27
<b>Total .....</b>	<b><sup>R</sup>6.53</b>	<b><sup>R</sup>6.71</b>	<b><sup>R</sup>6.62</b>	<b><sup>R</sup>6.52</b>	<b><sup>R</sup>6.23</b>	<b><sup>R</sup>6.38</b>	<b>6.49</b>	<b>8.43</b>

<sup>R</sup> Revised Data.

NA Not Available.

**Notes:** Data through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix A, Explanatory Note 9 for

discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

**Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2001-2003**  
(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				July	June	May	April	March
Alabama .....	NA	4.40	7.29	6.01	6.94	6.59	6.62	8.91
Alaska .....	1.75	1.65	1.57	1.95	1.78	1.63	1.69	1.70
Arizona .....	6.46	NA	6.04	6.68	6.25	6.48	5.90	6.77
Arkansas .....	6.37	5.90	6.80	7.02	7.32	7.20	6.58	6.41
California .....	7.28	4.92	8.33	6.94	7.04	6.67	7.87	7.77
Colorado .....	3.70	NA	4.59	3.49	3.71	3.62	3.60	4.14
Connecticut .....	7.71	4.82	8.09	6.83	7.32	6.76	8.22	8.81
Delaware .....	6.38	6.22	7.25	6.46	6.87	6.80	6.80	7.24
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	NA	4.55	7.93	NA	6.80	7.16	7.30	5.74
Georgia .....	5.81	4.96	7.23	4.13	<sup>R</sup> 4.61	4.57	4.64	9.16
Hawaii .....	11.61	9.90	11.30	11.82	12.19	12.35	12.15	11.35
Idaho .....	5.48	7.57	5.84	6.40	5.21	5.24	5.26	5.41
Illinois .....	7.32	4.82	8.47	8.56	8.22	6.61	7.35	8.76
Indiana .....	8.77	6.29	9.91	9.60	10.71	8.05	10.36	11.23
Iowa .....	7.25	4.82	8.23	7.33	6.97	6.72	5.62	7.78
Kansas .....	6.80	4.05	6.03	6.50	6.91	6.40	7.86	7.50
Kentucky .....	6.77	4.43	7.53	6.68	6.99	6.53	6.48	8.83
Louisiana .....	5.84	3.63	6.24	5.55	6.09	5.35	5.34	8.02
Maine .....	10.22	NA	9.06	9.96	9.83	10.77	10.80	9.98
Maryland .....	10.08	6.97	10.50	9.63	11.69	10.92	11.40	11.36
Massachusetts .....	NA	7.11	9.74	9.50	8.78	10.95	11.87	10.56
Michigan .....	5.32	NA	4.62	5.42	6.65	5.81	5.59	5.45
Minnesota .....	6.22	NA	6.37	6.10	6.05	5.63	5.76	8.90
Mississippi .....	6.51	4.06	6.90	6.03	6.60	6.03	5.51	8.68
Missouri .....	7.83	5.58	9.10	7.35	8.50	8.54	9.53	7.79
Montana .....	4.92	3.85	5.17	6.70	4.98	4.99	4.61	5.03
Nebraska .....	5.98	3.97	6.87	6.27	5.51	6.43	6.05	7.11
Nevada .....	8.74	7.35	6.19	8.87	9.24	8.83	8.72	8.94
New Hampshire .....	NA	NA	11.00	11.56	10.71	9.30	8.51	8.38
New Jersey .....	7.16	4.61	7.77	7.21	6.65	4.28	8.50	8.78
New Mexico .....	6.29	3.89	7.01	6.69	5.93	5.72	6.81	6.96
New York .....	NA	5.90	8.69	7.67	<sup>R</sup> 7.40	7.63	9.45	8.87
North Carolina .....	NA	4.53	8.07	6.09	6.94	5.79	NA	6.63
North Dakota .....	5.51	3.80	6.64	5.25	5.18	5.08	5.47	8.32
Ohio .....	7.98	6.07	7.08	10.35	9.98	8.76	8.69	8.56
Oklahoma .....	7.17	6.95	8.51	8.44	7.05	9.14	<sup>R</sup> 7.68	6.68
Oregon .....	5.94	7.24	5.82	5.89	5.88	5.59	6.04	6.14
Pennsylvania .....	8.39	7.03	7.85	8.04	8.18	7.93	8.28	9.82
Rhode Island .....	8.44	5.82	7.23	8.59	8.59	7.88	8.70	7.18
South Carolina .....	7.31	4.15	6.86	6.93	7.59	6.62	6.97	9.87
South Dakota .....	NA	4.19	6.90	5.99	5.33	5.15	5.80	NA
Tennessee .....	6.36	5.15	8.15	5.28	5.48	5.17	6.04	7.56
Texas .....	5.79	3.14	5.50	5.45	6.43	5.39	5.13	8.27
Utah .....	4.69	4.39	5.60	5.71	4.96	4.48	4.38	5.08
Vermont .....	4.73	4.32	5.57	4.88	4.95	3.62	5.15	5.04
Virginia .....	NA	4.72	6.83	6.17	6.82	6.94	6.66	9.86
Washington .....	NA	4.97	6.00	NA	6.89	5.82	6.04	5.87
West Virginia .....	NA	4.44	6.11	NA	6.99	<sup>R</sup> 6.36	<sup>R</sup> 6.96	NA
Wisconsin .....	7.60	5.19	8.69	7.28	7.78	<sup>R</sup> 6.93	7.45	10.07
Wyoming .....	NA	4.66	6.61	7.24	7.27	6.05	5.65	NA
<b>Total .....</b>	<b>6.12</b>	<b>3.83</b>	<b>6.35</b>	<b>5.64</b>	<b><sup>R</sup>6.37</b>	<b>5.60</b>	<b>5.88</b>	<b>8.05</b>

See footnotes at end of table.

**Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2003		2002					
	February	January	Total	December	November	October	September	August
Alabama .....	6.82	NA	4.30	4.55	4.66	3.75	3.95	3.72
Alaska .....	1.82	1.72	1.63	1.68	1.69	1.58	1.57	1.56
Arizona .....	5.70	7.37	NA	5.94	6.12	6.07	6.38	6.35
Arkansas .....	5.59	5.66	5.97	6.72	6.30	5.71	6.05	5.35
California .....	7.18	7.36	5.07	6.17	5.97	5.16	4.58	4.42
Colorado .....	6.57	6.25	NA	6.21	5.52	4.68	4.43	4.23
Connecticut .....	8.11	7.38	5.02	6.29	5.68	4.93	4.97	4.16
Delaware .....	5.88	5.40	6.16	5.53	5.84	6.34	6.68	6.47
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	6.19	5.46	4.72	5.43	4.87	4.96	4.86	4.75
Georgia .....	7.09	6.55	5.23	6.20	5.93	5.31	5.37	5.23
Hawaii .....	10.92	10.62	10.17	10.71	10.98	10.24	10.65	10.43
Idaho .....	5.37	5.56	6.76	4.91	4.26	5.45	5.43	5.94
Illinois .....	6.85	6.29	<sup>R</sup> 5.19	6.04	6.02	5.38	5.17	5.36
Indiana .....	8.04	7.06	5.74	6.16	5.41	4.37	4.42	5.04
Iowa .....	7.77	7.46	5.37	6.88	6.01	5.48	4.92	4.75
Kansas .....	6.58	6.74	4.10	5.28	5.48	4.62	3.93	3.75
Kentucky .....	6.40	5.89	4.59	5.31	5.41	4.62	4.21	3.95
Louisiana .....	5.64	5.14	<sup>R</sup> 3.90	<sup>R</sup> 4.52	<sup>R</sup> 4.48	<sup>R</sup> 4.07	<sup>R</sup> 4.02	3.41
Maine .....	9.95	10.32	NA	7.81	6.25	5.51	4.57	4.40
Maryland .....	8.61	8.40	<sup>R</sup> 6.95	<sup>R</sup> 6.99	6.68	6.62	<sup>R</sup> 6.52	<sup>R</sup> 7.55
Massachusetts .....	9.35	NA	7.27	9.20	6.73	6.10	7.61	6.50
Michigan .....	5.02	4.87	NA	3.70	5.03	5.14	5.20	5.39
Minnesota .....	5.88	5.36	NA	4.74	5.05	4.26	4.02	NA
Mississippi .....	6.90	5.60	<sup>R</sup> 4.34	5.27	<sup>R</sup> 5.19	4.75	4.18	4.11
Missouri .....	7.47	7.05	5.85	6.76	6.41	6.28	6.02	6.08
Montana .....	4.81	4.70	3.92	4.01	3.70	4.12	4.67	5.14
Nebraska .....	5.57	5.22	4.14	4.95	4.75	4.12	3.98	3.82
Nevada .....	8.64	8.39	7.69	7.17	9.32	8.96	8.98	8.92
New Hampshire .....	8.26	NA	NA	NA	6.99	6.55	6.30	6.63
New Jersey .....	7.63	6.38	4.93	6.24	5.59	5.32	4.34	4.81
New Mexico .....	6.10	5.60	4.19	6.23	5.34	4.01	3.80	3.79
New York .....	NA	6.99	5.65	4.69	6.45	5.59	5.27	5.23
North Carolina .....	5.84	5.77	4.87	6.49	5.76	4.97	4.59	4.58
North Dakota .....	6.14	4.58	<sup>R</sup> 4.05	5.00	4.69	4.21	3.79	<sup>R</sup> 3.42
Ohio .....	7.52	6.78	6.25	6.59	6.68	6.26	6.62	5.88
Oklahoma .....	7.13	6.47	<sup>R</sup> 6.58	6.34	6.15	6.07	5.39	<sup>R</sup> 5.19
Oregon .....	6.20	5.88	6.95	5.90	5.83	5.87	7.32	7.18
Pennsylvania .....	8.05	7.97	6.89	7.21	7.37	6.21	5.92	6.08
Rhode Island .....	7.29	13.24	5.20	6.89	3.16	5.54	4.59	4.65
South Carolina .....	7.11	6.58	4.52	5.54	5.39	5.11	4.72	4.62
South Dakota .....	5.27	4.89	4.26	4.61	4.35	3.98	3.88	4.49
Tennessee .....	7.30	7.21	5.22	5.92	5.60	5.12	5.07	4.56
Texas .....	5.80	4.67	3.35	4.17	4.01	3.70	3.47	3.18
Utah .....	4.30	4.31	3.90	4.29	3.69	2.59	2.59	2.79
Vermont .....	4.67	4.92	4.39	4.80	4.47	4.61	4.22	4.04
Virginia .....	NA	6.33	4.46	5.84	4.25	3.34	2.97	3.52
Washington .....	<sup>R</sup> 4.43	5.05	4.80	5.15	4.60	3.86	4.37	4.57
West Virginia .....	8.29	<sup>R</sup> 6.32	4.65	5.58	5.57	5.01	4.33	4.34
Wisconsin .....	6.98	6.62	5.42	6.35	6.58	4.99	4.57	4.42
Wyoming .....	5.79	5.86	4.52	4.50	4.39	4.09	4.20	4.32
<b>Total .....</b>	<b>6.17</b>	<b>5.31</b>	<b>4.00</b>	<b><sup>R</sup>4.86</b>	<b><sup>R</sup>4.66</b>	<b><sup>R</sup>4.14</b>	<b><sup>R</sup>3.85</b>	<b>3.64</b>

See footnotes at end of table.



**Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2002							2001
	July	June	May	April	March	February	January	Total
Alabama .....	3.89	3.95	4.77	4.28	4.28	4.67	4.81	6.33
Alaska .....	1.51	1.66	1.62	1.64	1.66	1.68	1.74	1.66
Arizona .....	6.31	6.20	6.34	6.44	NA	7.18	7.15	6.23
Arkansas .....	5.62	5.82	6.02	5.88	5.84	6.12	5.92	6.38
California .....	4.66	4.57	4.98	5.63	4.37	4.63	5.66	6.60
Colorado .....	4.32	4.69	4.88	5.16	NA	7.80	7.03	4.40
Connecticut .....	4.12	4.76	4.86	4.15	4.94	5.16	5.22	6.77
Delaware .....	6.29	7.23	5.47	6.16	6.11	6.02	6.58	6.85
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	4.82	5.12	4.84	4.29	4.97	3.46	5.06	6.98
Georgia .....	5.51	5.42	7.25	5.01	3.76	3.96	4.40	5.89
Hawaii .....	10.22	10.63	9.97	9.66	9.85	10.48	8.59	11.11
Idaho .....	5.70	7.48	7.78	7.75	8.07	7.65	7.64	6.43
Illinois .....	5.19	5.67	6.02	4.84	4.43	4.65	<sup>R</sup> 4.18	6.88
Indiana .....	5.47	6.17	7.63	7.18	4.60	6.20	7.62	8.14
Iowa .....	5.03	5.17	5.16	4.79	4.69	4.40	4.77	6.48
Kansas .....	3.83	3.88	3.99	4.00	4.02	4.93	5.28	4.97
Kentucky .....	4.10	4.22	4.46	4.53	4.11	4.65	4.83	6.51
Louisiana .....	3.67	3.58	3.80	3.69	3.62	3.26	3.77	5.03
Maine .....	4.39	4.41	4.93	4.43	3.73	NA	7.25	8.00
Maryland .....	<sup>R</sup> 6.59	8.24	8.15	6.16	6.75	6.12	7.62	9.07
Massachusetts .....	5.64	5.77	7.37	6.74	7.08	7.49	8.04	9.36
Michigan .....	NA	5.09	4.93	4.81	4.97	5.01	4.93	4.77
Minnesota .....	NA	4.88	3.96	4.54	3.48	3.57	3.85	5.16
Mississippi .....	<sup>R</sup> 4.27	<sup>R</sup> 4.21	<sup>R</sup> 4.76	<sup>R</sup> 4.19	<sup>R</sup> 3.58	<sup>R</sup> 3.69	<sup>R</sup> 3.93	5.79
Missouri .....	6.29	5.92	5.94	5.88	5.00	5.29	5.97	7.49
Montana .....	4.57	3.74	3.41	3.58	3.72	3.90	4.30	5.17
Nebraska .....	4.04	3.64	4.33	4.36	3.90	3.59	4.07	5.87
Nevada .....	9.01	6.63	7.03	6.73	7.85	7.01	7.71	7.00
New Hampshire .....	6.81	5.53	5.99	NA	NA	NA	6.06	7.92
New Jersey .....	5.01	4.95	5.06	4.86	4.17	4.58	4.17	6.69
New Mexico .....	3.77	3.96	3.90	3.43	3.94	4.41	4.64	6.18
New York .....	5.37	5.21	5.58	5.75	6.25	6.41	6.26	7.72
North Carolina .....	4.91	4.81	4.24	4.56	3.54	4.55	4.98	6.99
North Dakota .....	3.83	3.92	5.30	4.49	6.24	2.22	1.17	5.27
Ohio .....	5.39	5.56	5.34	6.06	5.80	6.22	6.66	6.58
Oklahoma .....	<sup>R</sup> 7.12	6.39	6.04	<sup>R</sup> 7.58	7.04	7.06	6.88	8.08
Oregon .....	6.74	7.06	7.23	7.15	7.29	7.38	7.40	6.09
Pennsylvania .....	6.11	5.96	6.25	7.06	7.50	7.45	7.58	7.18
Rhode Island .....	4.91	4.67	6.88	5.75	5.87	6.70	6.85	6.61
South Carolina .....	4.53	4.50	4.51	4.36	3.72	3.41	4.03	5.55
South Dakota .....	4.51	4.53	4.41	4.06	4.08	4.10	4.14	6.08
Tennessee .....	4.57	4.99	5.26	5.21	5.29	5.12	5.37	6.85
Texas .....	3.46	3.47	3.58	2.89	2.78	2.41	2.84	4.41
Utah .....	2.87	4.05	4.34	4.63	4.59	4.74	4.96	5.29
Vermont .....	4.19	4.23	4.41	4.08	4.36	4.40	4.46	5.02
Virginia .....	3.88	4.40	4.10	4.79	4.98	4.79	5.69	5.99
Washington .....	3.41	5.28	4.52	5.09	4.85	5.61	5.61	5.02
West Virginia .....	4.35	4.74	4.54	4.76	4.05	3.75	4.70	4.76
Wisconsin .....	4.80	5.35	4.65	5.70	5.02	4.99	5.52	7.50
Wyoming .....	4.21	4.69	4.60	4.73	4.71	4.75	4.78	6.33
<b>Total .....</b>	<b>3.78</b>	<b>3.82</b>	<b><sup>R</sup>4.03</b>	<b><sup>R</sup>3.61</b>	<b><sup>R</sup>3.79</b>	<b>3.72</b>	<b><sup>R</sup>4.08</b>	<b>5.28</b>

<sup>R</sup> Revised Data.

NA Not Available.

— Not Applicable.

**Notes:** Data through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers

reflect onsystem sales prices only. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

**Table 24. Average Price of Natural Gas Sold to Electric Utility<sup>a</sup> Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				June	May	April	March	February
Alabama .....	6.46	3.22	7.22	6.48	6.63	6.51	7.23	6.81
Alaska .....	2.05	2.52	2.20	2.07	2.08	2.11	2.02	2.03
Arizona .....	5.34	3.17	5.62	5.88	5.12	4.04	5.78	6.16
Arkansas .....	6.54	3.57	6.16	9.91	6.37	5.68	5.52	6.78
California .....	5.12	4.31	11.13	5.24	5.13	4.55	5.81	5.22
Colorado .....	4.19	2.75	4.99	5.27	4.21	3.57	4.48	3.55
Connecticut .....	—	—	—	—	—	—	—	—
Delaware .....	6.86	3.63	6.50	7.12	7.46	6.70	7.00	9.21
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	6.62	3.91	6.50	7.03	6.36	6.37	8.61	6.72
Georgia .....	—	3.36	5.08	5.78	2.21	5.80	—	—
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—	—
Illinois .....	7.44	3.52	5.58	8.01	6.87	7.84	9.33	6.41
Indiana .....	9.12	3.43	6.14	6.60	4.49	11.27	11.68	2.86
Iowa .....	6.21	3.64	5.94	6.63	6.07	5.89	5.98	6.59
Kansas .....	5.61	3.01	5.18	5.76	5.11	4.95	8.76	6.47
Kentucky .....	7.45	4.26	7.99	6.94	8.96	12.35	9.30	7.03
Louisiana .....	6.84	3.38	6.00	6.55	6.07	5.90	9.04	7.53
Maine .....	—	—	—	—	—	—	—	—
Maryland .....	—	—	—	—	—	—	—	—
Massachusetts .....	8.27	3.83	5.07	6.66	6.94	7.95	8.52	13.47
Michigan .....	5.99	2.79	4.42	5.97	4.31	5.60	5.65	7.05
Minnesota .....	6.50	3.58	6.61	6.96	6.76	5.97	9.68	6.72
Mississippi .....	6.36	3.17	5.36	6.21	5.95	5.72	6.91	7.15
Missouri .....	5.40	3.42	5.39	6.09	5.79	5.25	6.05	7.03
Montana .....	5.66	4.89	9.03	9.56	6.58	5.21	5.71	6.12
Nebraska .....	6.88	3.61	6.00	6.72	6.97	5.91	8.49	7.05
Nevada .....	5.73	6.31	7.99	7.15	6.24	6.01	5.75	4.34
New Hampshire .....	—	3.57	—	—	—	—	—	—
New Jersey .....	—	—	—	—	—	—	—	—
New Mexico .....	5.66	3.11	5.38	5.61	4.83	4.53	7.05	5.84
New York .....	8.04	3.53	6.36	6.62	5.81	5.92	11.00	8.16
North Carolina .....	6.95	4.21	5.70	6.85	6.75	7.67	—	—
North Dakota .....	7.55	2.75	7.36	7.56	—	—	—	—
Ohio .....	7.50	5.17	8.93	7.88	6.15	6.35	7.16	9.12
Oklahoma .....	6.66	3.43	6.09	6.24	5.74	5.45	8.81	7.36
Oregon .....	3.75	3.17	4.22	4.65	4.19	4.12	3.47	3.87
Pennsylvania .....	—	—	8.87	—	—	—	—	—
Rhode Island .....	—	—	—	—	—	—	—	—
South Carolina .....	7.29	4.68	6.46	—	—	—	—	—
South Dakota .....	—	—	—	—	—	—	—	—
Tennessee .....	—	—	—	—	—	—	—	—
Texas .....	6.04	3.23	5.55	6.24	5.57	5.19	7.48	6.16
Utah .....	2.92	6.42	5.01	1.77	2.52	4.16	3.47	—
Vermont .....	—	3.18	4.83	—	—	—	—	—
Virginia .....	7.80	5.63	7.20	13.26	1.60	7.06	8.38	8.97
Washington .....	—	—	—	—	—	—	—	—
West Virginia .....	10.48	4.07	8.64	7.28	6.42	16.67	17.44	10.70
Wisconsin .....	6.32	3.67	6.01	6.34	5.75	5.69	7.84	5.91
Wyoming .....	3.27	5.00	4.20	3.00	3.27	3.86	3.32	—
<b>Total .....</b>	<b>6.16</b>	<b>3.59</b>	<b>6.07</b>	<b>6.38</b>	<b>5.76</b>	<b>5.63</b>	<b>7.53</b>	<b>6.38</b>

See footnotes at end of table.

**Table 24. Average Price of Natural Gas Sold to Electric Utility<sup>a</sup> Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2003	2002						
	January	Total	December	November	October	September	August	July
Alabama .....	5.55	3.59	4.82	4.67	4.35	3.54	3.42	3.43
Alaska .....	2.02	2.22	1.98	2.02	2.02	2.11	2.12	2.12
Arizona .....	5.08	3.26	4.82	3.97	3.60	3.08	2.95	3.07
Arkansas .....	6.44	3.60	4.89	4.26	4.28	3.89	3.25	3.42
California .....	4.50	4.07	4.65	4.25	3.69	3.69	4.04	3.66
Colorado .....	3.78	2.62	3.47	3.16	2.47	1.94	2.21	1.83
Connecticut .....	—	—	—	—	—	—	—	—
Delaware .....	7.28	3.66	5.58	4.23	4.90	4.17	4.03	3.21
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	4.83	4.22	5.90	4.73	4.85	4.15	3.93	4.00
Georgia .....	—	3.10	6.65	2.35	1.85	4.06	3.59	3.25
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—	—
Illinois .....	6.37	3.53	5.50	5.00	5.20	4.01	3.18	3.19
Indiana .....	5.41	3.85	4.82	4.96	4.81	4.17	4.49	4.16
Iowa .....	5.74	3.87	4.89	5.15	4.52	3.78	3.28	3.73
Kansas .....	5.07	3.11	4.22	4.17	3.38	3.09	2.97	3.04
Kentucky .....	6.10	4.34	5.24	4.91	4.91	3.99	3.67	3.70
Louisiana .....	5.90	3.66	4.87	4.59	4.49	3.92	3.36	3.54
Maine .....	—	—	—	—	—	—	—	—
Maryland .....	—	—	—	—	—	—	—	—
Massachusetts .....	8.05	4.07	5.78	4.73	4.71	4.19	3.65	3.70
Michigan .....	5.49	3.13	4.39	9.18	3.39	2.77	2.73	2.96
Minnesota .....	3.90	3.95	7.23	4.86	4.52	4.82	3.91	3.28
Mississippi .....	6.00	3.63	5.27	4.29	4.19	3.69	3.32	3.36
Missouri .....	4.56	3.43	5.13	4.36	4.48	3.54	3.20	3.25
Montana .....	5.60	4.82	6.12	5.21	3.84	4.66	4.65	6.13
Nebraska .....	6.48	4.17	5.24	4.45	4.07	4.01	3.80	3.12
Nevada .....	4.61	5.60	4.31	4.96	4.88	5.43	4.50	4.93
New Hampshire .....	—	4.08	6.51	—	4.42	3.87	3.58	3.38
New Jersey .....	—	—	—	—	—	—	—	—
New Mexico .....	5.03	3.29	4.42	4.16	3.60	3.10	3.05	3.13
New York .....	7.20	3.88	5.63	5.17	4.50	3.94	3.79	3.85
North Carolina .....	7.52	4.37	5.95	6.07	5.95	4.51	4.30	4.29
North Dakota .....	7.50	2.52	—	—	2.00	—	—	2.14
Ohio .....	6.01	5.17	5.52	6.12	6.01	4.49	4.33	4.66
Oklahoma .....	5.58	3.61	4.96	4.93	4.31	3.50	3.34	3.42
Oregon .....	3.66	3.01	—	3.51	2.80	2.81	2.35	2.38
Pennsylvania .....	—	—	—	—	—	—	—	—
Rhode Island .....	—	—	—	—	—	—	—	—
South Carolina .....	7.29	5.16	—	4.94	6.03	5.42	5.38	5.37
South Dakota .....	—	—	—	—	—	—	—	—
Tennessee .....	—	—	—	—	—	—	—	—
Texas .....	5.10	3.47	4.51	4.18	3.89	3.50	3.17	3.40
Utah .....	—	4.82	—	3.63	2.96	3.62	3.69	4.33
Vermont .....	—	3.86	—	4.86	4.39	—	—	—
Virginia .....	6.44	4.92	7.44	8.98	6.37	4.61	3.93	3.98
Washington .....	—	—	—	—	—	—	—	—
West Virginia .....	7.28	4.53	8.40	9.03	4.84	4.07	4.18	3.39
Wisconsin .....	5.49	3.80	4.74	4.81	4.23	3.99	3.42	3.57
Wyoming .....	—	4.38	21.17	5.84	2.21	2.22	2.89	2.85
<b>Total .....</b>	<b>5.12</b>	<b>3.77</b>	<b>4.85</b>	<b>4.49</b>	<b>4.26</b>	<b>3.76</b>	<b>3.47</b>	<b>3.53</b>

See footnotes at end of table.

**Table 24. Average Price of Natural Gas Sold to Electric Utility<sup>a</sup> Consumers, by State, 2001-2003**

(Dollars per Thousand Cubic Feet) — Continued

State	2002						2001	
	June	May	April	March	February	January	Total	December
Alabama .....	3.32	3.82	3.75	3.07	2.44	2.66	5.20	2.57
Alaska .....	2.40	2.38	2.46	2.77	2.57	2.57	2.36	2.60
Arizona .....	3.01	3.23	3.29	3.45	2.66	3.33	4.70	2.93
Arkansas .....	3.60	4.16	3.69	3.82	2.66	2.64	4.44	2.70
California .....	3.64	3.80	4.09	4.42	4.58	5.93	9.38	5.64
Colorado .....	2.02	2.68	3.03	3.01	2.67	2.95	3.81	2.73
Connecticut .....	—	—	—	—	—	—	—	—
Delaware .....	3.43	4.12	3.86	3.86	3.05	3.30	4.41	3.12
District of Columbia .....	—	—	—	—	—	—	—	—
Florida .....	4.11	4.30	4.27	3.64	3.29	3.48	4.73	3.15
Georgia .....	2.98	2.81	3.86	3.67	2.70	8.67	3.36	3.52
Hawaii .....	—	—	—	—	—	—	—	—
Idaho .....	—	—	—	—	—	—	—	—
Illinois .....	3.57	5.71	4.34	3.19	3.14	3.23	3.79	3.04
Indiana .....	2.61	6.35	3.25	3.25	3.07	3.36	5.18	4.07
Iowa .....	3.89	4.20	4.34	3.18	2.91	3.44	4.78	3.67
Kansas .....	3.24	3.39	3.45	2.94	2.27	2.26	3.60	2.63
Kentucky .....	3.82	4.05	5.70	4.61	3.97	3.55	4.70	3.65
Louisiana .....	3.66	3.84	3.77	3.18	2.49	2.76	4.30	2.78
Maine .....	—	—	—	—	—	—	—	—
Maryland .....	—	—	—	—	—	—	—	—
Massachusetts .....	4.04	4.05	4.02	3.89	3.26	3.23	3.58	3.30
Michigan .....	2.75	2.23	3.59	2.17	2.91	3.51	3.48	2.93
Minnesota .....	3.53	3.66	3.96	2.55	4.16	3.94	5.25	3.48
Mississippi .....	3.55	3.74	3.60	2.83	2.36	2.62	3.54	2.48
Missouri .....	3.26	3.68	3.72	3.24	3.04	3.19	4.69	3.01
Montana .....	4.71	4.90	4.98	4.82	4.69	4.89	7.54	4.84
Nebraska .....	3.93	4.47	3.65	4.57	2.22	3.12	4.29	3.67
Nevada .....	5.09	5.25	6.13	7.28	8.09	7.83	8.22	5.79
New Hampshire .....	3.39	3.81	3.97	—	—	—	2.56	—
New Jersey .....	—	—	—	—	—	—	3.43	3.58
New Mexico .....	3.04	3.15	3.13	3.47	2.91	2.68	4.22	2.56
New York .....	3.88	3.94	3.86	3.26	2.83	3.38	4.12	3.12
North Carolina .....	4.32	3.80	3.79	4.84	4.47	4.88	4.50	4.70
North Dakota .....	—	—	—	2.68	2.89	—	7.08	—
Ohio .....	4.95	5.15	6.36	5.78	3.98	5.95	8.17	5.78
Oklahoma .....	3.50	3.80	3.81	3.17	2.90	3.15	4.62	3.16
Oregon .....	2.95	3.15	2.95	3.30	2.96	3.36	3.82	3.85
Pennsylvania .....	—	—	—	—	—	—	8.87	—
Rhode Island .....	—	—	—	—	—	—	—	—
South Carolina .....	5.28	—	4.29	4.48	6.12	4.11	2.64	5.73
South Dakota .....	—	—	—	—	—	—	—	—
Tennessee .....	—	—	—	—	—	—	—	—
Texas .....	3.45	3.58	3.54	3.05	2.66	2.74	4.32	2.84
Utah .....	5.13	—	3.54	6.10	9.98	11.71	4.88	—
Vermont .....	—	—	—	3.13	2.73	3.54	4.83	—
Virginia .....	4.39	5.59	5.55	12.56	12.17	8.92	4.55	3.57
Washington .....	—	—	—	—	—	—	—	—
West Virginia .....	6.52	4.46	3.90	3.44	2.98	4.66	6.46	2.97
Wisconsin .....	3.90	3.92	3.98	3.41	3.30	3.27	4.76	3.65
Wyoming .....	—	—	3.91	4.43	5.09	7.21	4.01	—
<b>Total .....</b>	<b>3.67</b>	<b>3.88</b>	<b>3.90</b>	<b>3.50</b>	<b>3.05</b>	<b>3.31</b>	<b>4.61</b>	<b>3.14</b>

<sup>a</sup> Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

— Not Applicable.

**Notes:** Data through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District

of Columbia.

**Sources:** Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003**

State	YTD 2003		YTD 2002		YTD 2001		2003	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	July	
							Commercial	Industrial
Alabama .....	78.9	NA	77.5	16.5	84.9	22.5	75.9	16.0
Alaska .....	58.8	84.9	60.1	89.9	61.4	97.0	70.3	75.7
Arizona .....	91.5	34.2	92.8	NA	91.8	44.5	90.3	35.0
Arkansas .....	83.0	4.9	82.5	5.1	88.1	6.8	73.6	4.5
California .....	NA	5.6	67.4	5.4	62.0	10.5	59.5	4.4
Colorado .....	99.8	NA	NA	NA	93.9	1.9	99.9	1.1
Connecticut .....	67.2	49.4	NA	NA	76.6	49.4	70.4	45.4
Delaware .....	NA	13.5	84.5	12.7	98.4	17.8	76.3	13.6
District of Columbia .....	NA	—	22.3	—	23.3	—	18.8	—
Florida .....	36.9	NA	41.9	1.6	61.6	4.3	32.2	NA
Georgia .....	100.0	6.7	100.0	5.5	21.9	21.2	100.0	6.4
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	86.6	2.0	77.5	NA	87.8	2.4	80.2	2.0
Illinois .....	43.6	9.8	39.1	NA	42.9	10.4	33.5	5.3
Indiana .....	80.3	8.6	76.3	6.5	78.9	8.6	65.3	5.6
Iowa .....	NA	6.4	79.4	5.6	84.4	7.1	71.6	4.5
Kansas .....	60.7	3.5	60.4	6.9	65.8	6.8	44.2	6.5
Kentucky .....	75.4	17.2	77.7	15.3	83.7	19.4	71.0	14.3
Louisiana .....	NA	15.3	73.6	9.9	82.5	7.5	99.1	12.5
Maine .....	74.7	NA	NA	NA	100.0	9.0	47.0	6.6
Maryland .....	100.0	NA	100.0	8.3	35.3	9.4	100.0	NA
Massachusetts .....	61.4	NA	48.3	23.7	66.1	30.6	60.0	13.5
Michigan .....	64.9	11.9	66.4	NA	65.0	12.9	45.4	6.2
Minnesota .....	92.8	39.3	NA	NA	98.7	42.4	78.8	34.2
Mississippi .....	NA	25.7	96.7	26.2	95.8	29.0	93.6	27.2
Missouri .....	82.2	14.0	79.1	16.3	84.1	16.5	73.7	10.5
Montana .....	72.5	2.8	74.4	NA	75.8	2.5	59.6	1.0
Nebraska .....	63.4	17.8	59.2	14.9	64.6	20.4	63.9	9.0
Nevada .....	74.5	20.4	85.0	45.3	68.3	23.0	65.3	13.8
New Hampshire .....	NA	NA	78.1	NA	89.0	11.6	60.0	8.0
New Jersey .....	53.5	23.2	49.9	20.2	61.2	24.4	26.6	16.7
New Mexico .....	68.2	7.1	66.4	10.9	68.2	18.3	61.8	11.4
New York .....	100.0	NA	100.0	9.5	50.7	12.0	100.0	9.3
North Carolina .....	92.8	34.5	90.6	35.6	96.1	34.9	89.4	32.6
North Dakota .....	93.3	43.5	NA	12.6	90.0	9.4	85.8	28.7
Ohio .....	100.0	3.3	100.0	2.2	44.1	7.8	100.0	1.3
Oklahoma .....	73.2	3.4	NA	3.4	73.8	4.0	54.7	2.3
Oregon .....	98.3	14.6	94.9	16.1	99.7	20.8	97.8	15.5
Pennsylvania .....	100.0	7.4	100.0	5.5	65.2	11.3	100.0	5.4
Rhode Island .....	NA	NA	53.7	62.1	62.0	30.6	NA	NA
South Carolina .....	96.8	80.9	98.3	83.8	98.3	82.7	96.4	80.5
South Dakota .....	83.5	NA	NA	43.5	85.3	45.9	72.4	24.7
Tennessee .....	90.2	26.5	88.9	23.1	94.7	37.2	80.3	28.9
Texas .....	NA	45.3	82.5	40.3	83.5	28.4	78.8	55.4
Utah .....	86.8	13.8	84.3	13.6	85.4	10.1	72.6	11.9
Vermont .....	100.0	82.8	100.0	76.9	100.0	76.5	100.0	74.5
Virginia .....	NA	NA	61.3	14.6	69.9	19.5	45.9	10.5
Washington .....	NA	NA	87.5	27.9	93.9	34.0	NA	NA
West Virginia .....	NA	NA	57.1	7.0	74.2	7.9	NA	NA
Wisconsin .....	78.1	19.8	75.0	19.4	77.8	20.7	65.4	9.9
Wyoming .....	50.1	NA	84.9	1.7	88.6	2.9	44.2	1.5
<b>Total .....</b>	<b>78.0</b>	<b>21.8</b>	<b>77.2</b>	<b>20.1</b>	<b>67.8</b>	<b>19.8</b>	<b>70.7</b>	<b>25.4</b>

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued

State	2003							
	June		May		April		March	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	75.0	14.3	70.0	13.9	73.4	14.6	80.6	16.8
Alaska .....	67.5	76.7	58.5	76.1	56.8	87.4	53.5	89.6
Arizona .....	91.7	33.1	91.6	33.5	90.6	34.1	91.2	33.8
Arkansas .....	72.0	3.8	75.9	4.0	79.9	4.6	85.5	5.8
California .....	66.9	5.1	67.3	5.6	64.7	6.5	64.4	5.5
Colorado .....	99.8	0.5	99.4	0.5	99.7	0.7	99.8	0.2
Connecticut .....	67.1	47.7	64.8	48.9	66.8	51.0	66.9	52.8
Delaware .....	80.4	11.1	83.6	18.2	86.4	20.4	90.0	13.8
District of Columbia .....	26.9	—	29.0	—	29.3	—	42.8	—
Florida .....	32.8	2.0	34.4	1.9	34.8	2.2	37.4	2.4
Georgia .....	100.0	<sup>R</sup> 7.2	100.0	7.4	100.0	7.4	100.0	7.0
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	82.5	1.6	85.4	1.7	85.8	1.8	88.3	2.1
Illinois .....	34.4	6.3	31.9	7.3	41.2	8.4	47.4	11.9
Indiana .....	68.4	5.3	72.4	6.3	75.2	6.5	81.5	8.0
Iowa .....	72.7	5.0	71.7	4.3	76.1	5.6	79.8	7.7
Kansas .....	54.1	3.6	54.6	5.3	59.3	3.6	65.8	2.0
Kentucky .....	72.6	17.6	70.8	16.6	60.0	18.4	71.3	17.5
Louisiana .....	98.9	15.8	99.0	16.0	98.1	15.9	NA	15.3
Maine .....	61.0	7.9	50.2	10.3	71.7	9.0	74.7	9.8
Maryland .....	100.0	6.2	100.0	6.7	100.0	8.6	100.0	10.8
Massachusetts .....	30.9	29.6	62.8	23.7	54.1	33.4	63.2	37.5
Michigan .....	50.2	5.8	59.7	8.7	65.5	11.7	66.3	14.8
Minnesota .....	90.5	39.1	81.3	39.0	87.5	36.1	99.1	38.7
Mississippi .....	93.8	27.1	93.7	22.6	94.5	24.8	NA	27.1
Missouri .....	69.9	10.6	74.6	10.2	79.8	11.5	85.6	16.2
Montana .....	<sup>R</sup> 58.3	3.6	64.0	1.8	65.3	2.1	75.3	3.3
Nebraska .....	55.0	24.9	54.6	17.1	58.2	13.4	64.6	24.6
Nevada .....	68.6	13.4	70.0	15.0	74.1	23.1	75.5	20.6
New Hampshire .....	44.4	10.7	73.8	8.3	81.9	13.5	85.0	15.5
New Jersey .....	42.2	18.9	26.3	20.9	60.5	28.8	61.5	28.0
New Mexico .....	59.3	8.7	58.5	9.3	65.4	7.5	70.7	5.5
New York .....	100.0	<sup>R</sup> 12.8	100.0	12.3	100.0	11.4	100.0	11.3
North Carolina .....	93.2	30.1	89.5	30.5	90.9	25.5	95.4	43.0
North Dakota .....	81.5	48.5	88.0	45.9	65.9	45.4	97.1	38.5
Ohio .....	100.0	1.6	100.0	1.3	100.0	3.0	100.0	4.1
Oklahoma .....	62.6	3.1	62.4	1.5	66.2	<sup>R</sup> 2.5	76.3	6.4
Oregon .....	97.6	16.1	98.0	16.1	98.2	13.1	98.5	13.8
Pennsylvania .....	100.0	5.5	100.0	5.8	100.0	7.4	100.0	8.8
Rhode Island .....	63.5	11.7	76.0	26.7	71.4	19.6	77.2	21.5
South Carolina .....	96.7	83.2	96.6	82.5	95.6	80.1	96.8	77.7
South Dakota .....	76.6	22.4	81.8	23.9	80.5	26.0	85.9	NA
Tennessee .....	82.4	24.7	85.5	25.9	88.3	27.4	92.4	30.1
Texas .....	77.0	41.0	81.0	43.1	<sup>R</sup> 78.9	42.6	80.3	41.8
Utah .....	78.7	13.2	80.9	14.1	87.5	14.9	88.5	13.1
Vermont .....	100.0	71.9	100.0	79.2	100.0	75.3	100.0	100.0
Virginia .....	56.3	6.9	55.6	10.0	57.8	19.6	64.5	13.0
Washington .....	77.3	13.6	85.9	18.5	88.6	19.5	89.7	25.5
West Virginia .....	48.0	14.8	NA	<sup>R</sup> 13.6	NA	<sup>R</sup> 14.7	NA	NA
Wisconsin .....	70.1	10.8	73.0	<sup>R</sup> 14.2	79.4	17.6	78.9	24.4
Wyoming .....	52.9	1.5	53.0	1.5	46.5	1.8	51.0	NA
<b>Total .....</b>	<b><sup>R</sup>71.7</b>	<b><sup>R</sup>19.9</b>	<b>73.0</b>	<b><sup>R</sup>20.4</b>	<b><sup>R</sup>76.5</b>	<b>21.1</b>	<b>79.8</b>	<b>21.2</b>

See footnotes at end of table.

**Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued**

State	2003				2002			
	February		January		Total		December	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	83.5	15.2	80.3	NA	75.9	16.9	78.1	18.5
Alaska .....	52.9	99.1	57.9	98.6	63.2	90.5	71.2	99.6
Arizona .....	91.3	35.7	93.1	34.3	91.6	NA	90.7	33.5
Arkansas .....	86.4	6.0	86.7	5.4	80.9	4.8	82.6	4.7
California .....	NA	8.0	NA	3.7	<sup>R</sup> 67.4	5.2	72.1	5.4
Colorado .....	99.9	—	99.9	NA	NA	NA	99.3	NA
Connecticut .....	65.6	47.4	69.3	51.1	NA	NA	72.9	49.5
Delaware .....	91.2	13.8	NA	9.9	82.7	NA	86.7	NA
District of Columbia .....	38.7	—	NA	—	23.3	—	27.2	—
Florida .....	40.2	NA	43.5	NA	39.9	1.6	39.5	1.8
Georgia .....	100.0	6.5	100.0	5.2	100.0	5.4	100.0	5.5
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	87.6	2.5	87.9	2.2	79.2	NA	86.4	2.2
Illinois .....	46.5	12.3	45.5	12.4	39.3	NA	45.4	12.0
Indiana .....	81.9	12.0	85.1	13.0	NA	7.6	84.4	11.1
Iowa .....	NA	7.4	81.1	8.6	80.0	6.7	82.9	9.0
Kansas .....	63.3	2.1	60.3	1.3	57.7	6.2	58.1	2.4
Kentucky .....	81.4	17.3	80.6	17.8	<sup>R</sup> 77.0	<sup>R</sup> 15.6	78.6	16.3
Louisiana .....	NA	17.7	97.6	13.9	66.6	<sup>R</sup> 11.0	66.5	<sup>R</sup> 14.7
Maine .....	79.7	NA	93.8	6.5	NA	NA	NA	100.0
Maryland .....	100.0	12.6	100.0	9.3	100.0	NA	100.0	<sup>R</sup> 11.9
Massachusetts .....	68.7	47.0	73.6	NA	48.8	20.7	58.9	28.1
Michigan .....	68.2	14.3	68.0	15.1	63.6	NA	64.8	17.2
Minnesota .....	95.6	42.2	94.7	43.2	NA	NA	93.2	42.2
Mississippi .....	NA	28.9	95.8	23.1	NA	25.6	96.9	24.9
Missouri .....	85.5	18.0	83.0	15.7	76.8	14.3	80.1	16.9
Montana .....	74.0	2.8	84.3	4.2	75.3	NA	81.9	NA
Nebraska .....	66.5	22.6	67.2	21.5	61.3	13.3	65.7	16.7
Nevada .....	80.1	29.2	78.4	25.9	78.9	35.9	72.9	30.3
New Hampshire .....	NA	NA	NA	NA	74.1	NA	87.5	NA
New Jersey .....	59.5	24.9	58.0	22.8	<sup>R</sup> 47.3	20.0	53.5	25.1
New Mexico .....	72.0	4.2	73.0	3.8	66.6	11.9	71.8	11.9
New York .....	<sup>R</sup> 100.0	NA	100.0	13.0	100.0	9.0	100.0	13.2
North Carolina .....	93.5	40.5	92.9	36.1	90.1	37.4	92.7	37.2
North Dakota .....	98.2	34.3	97.2	53.2	NA	<sup>R</sup> 13.4	93.4	19.0
Ohio .....	100.0	5.2	100.0	4.7	100.0	2.2	100.0	3.8
Oklahoma .....	77.1	4.2	79.1	3.5	NA	3.0	73.8	3.4
Oregon .....	98.5	14.2	98.6	13.7	95.9	14.1	98.6	12.5
Pennsylvania .....	100.0	8.5	100.0	8.6	100.0	6.0	100.0	9.4
Rhode Island .....	74.2	19.0	71.1	10.8	<sup>R</sup> 51.8	67.0	<sup>R</sup> 56.5	58.7
South Carolina .....	97.4	81.2	97.2	81.3	98.3	82.7	98.6	76.5
South Dakota .....	83.4	NA	86.6	NA	NA	<sup>R</sup> 52.1	83.9	70.9
Tennessee .....	93.5	23.8	91.7	25.3	87.0	22.4	90.1	24.1
Texas .....	NA	42.0	83.3	47.8	NA	41.4	79.8	43.0
Utah .....	89.5	14.6	89.1	14.6	84.4	13.7	88.6	13.7
Vermont .....	100.0	100.0	100.0	87.0	100.0	76.5	100.0	86.6
Virginia .....	NA	NA	71.4	20.7	62.2	NA	70.9	25.5
Washington .....	89.7	<sup>R</sup> 26.9	89.5	25.4	87.2	27.0	89.9	26.5
West Virginia .....	73.3	11.9	72.6	<sup>R</sup> 14.4	58.1	6.8	70.5	5.5
Wisconsin .....	79.6	25.7	79.7	25.4	72.2	19.7	77.6	26.6
Wyoming .....	52.6	2.9	48.4	2.0	72.4	1.6	46.8	1.4
<b>Total .....</b>	<b><sup>R</sup>79.2</b>	<b>21.7</b>	<b>81.7</b>	<b><sup>R</sup>22.4</b>	<b>76.6</b>	<b><sup>R</sup>19.9</b>	<b><sup>R</sup>79.6</b>	<b><sup>R</sup>20.7</b>

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued

State	2002							
	November		October		September		August	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	69.0	19.1	68.1	16.8	71.3	15.6	70.5	16.8
Alaska .....	69.5	96.4	66.5	99.4	58.3	87.3	60.6	78.7
Arizona .....	89.9	NA	88.6	38.5	89.0	40.6	88.1	38.4
Arkansas .....	79.4	4.6	71.4	4.8	73.5	3.6	74.0	3.6
California .....	<sup>R</sup> 67.6	4.8	68.3	5.1	66.6	4.5	61.8	4.6
Colorado .....	99.5	NA	99.6	NA	99.7	NA	99.9	NA
Connecticut .....	<sup>R</sup> 74.9	43.2	67.7	48.7	73.7	52.8	78.4	44.0
Delaware .....	82.3	NA	70.1	NA	70.2	NA	66.3	<sup>R</sup> 6.9
District of Columbia .....	28.2	—	24.1	—	17.4	—	18.0	—
Florida .....	36.4	1.5	36.8	1.4	35.2	1.5	35.9	1.4
Georgia .....	100.0	5.5	100.0	5.1	100.0	5.2	100.0	5.0
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	84.9	1.3	75.8	1.5	78.9	1.3	81.0	NA
Illinois .....	40.7	10.2	38.2	9.0	29.2	6.2	28.0	5.1
Indiana .....	77.4	11.3	72.7	11.2	64.1	5.9	NA	5.5
Iowa .....	88.8	11.3	89.4	9.2	51.8	4.8	65.5	4.5
Kansas .....	54.3	2.4	40.2	3.2	50.5	6.8	48.2	11.1
Kentucky .....	77.3	16.6	72.0	15.9	68.7	14.4	71.8	16.9
Louisiana .....	51.6	<sup>R</sup> 13.2	52.6	<sup>R</sup> 12.6	49.5	<sup>R</sup> 12.7	60.5	7.7
Maine .....	NA	100.0	NA	100.0	25.2	100.0	40.6	100.0
Maryland .....	100.0	NA	100.0	5.3	100.0	<sup>R</sup> 4.3	100.0	<sup>R</sup> 5.8
Massachusetts .....	52.8	20.8	48.3	12.9	38.1	9.7	33.5	11.8
Michigan .....	61.5	10.7	53.5	6.5	42.7	4.2	43.1	5.2
Minnesota .....	95.9	37.8	94.1	50.2	77.0	32.7	NA	NA
Mississippi .....	NA	<sup>R</sup> 26.0	93.3	23.6	93.7	23.9	NA	25.4
Missouri .....	74.8	12.3	56.7	8.0	68.3	9.7	65.8	8.8
Montana .....	77.1	2.2	76.9	1.2	67.1	0.8	69.7	0.7
Nebraska .....	69.1	16.1	66.4	13.9	59.2	7.4	63.0	7.0
Nevada .....	68.8	24.4	65.9	22.4	65.9	20.7	63.1	19.3
New Hampshire .....	49.6	91.9	54.1	NA	58.4	36.8	85.0	NA
New Jersey .....	52.0	21.3	34.9	17.8	23.1	17.3	27.1	16.3
New Mexico .....	74.7	10.8	62.4	11.1	47.4	14.4	59.7	19.5
New York .....	100.0	6.2	100.0	6.5	100.0	9.1	100.0	6.9
North Carolina .....	88.6	38.3	87.1	43.3	86.2	44.5	84.6	37.1
North Dakota .....	93.4	20.5	90.7	16.8	86.8	9.9	NA	<sup>R</sup> 7.7
Ohio .....	100.0	2.8	100.0	1.3	100.0	1.4	100.0	1.2
Oklahoma .....	68.3	2.6	51.7	1.2	49.7	2.3	51.2	<sup>R</sup> 2.5
Oregon .....	98.2	12.3	97.8	10.8	97.6	10.5	97.5	8.7
Pennsylvania .....	100.0	6.7	100.0	6.2	100.0	5.9	100.0	4.1
Rhode Island .....	<sup>R</sup> 48.9	96.8	<sup>R</sup> 37.3	63.3	<sup>R</sup> 45.6	65.6	37.2	67.6
South Carolina .....	98.0	78.4	100.0	86.3	99.5	86.2	94.3	78.4
South Dakota .....	79.7	66.7	84.0	63.4	69.8	52.4	73.1	<sup>R</sup> 30.9
Tennessee .....	83.3	20.6	77.6	21.7	75.2	20.5	73.2	19.1
Texas .....	NA	42.0	<sup>R</sup> 73.5	41.8	73.3	44.6	<sup>R</sup> 76.7	44.7
Utah .....	87.0	15.1	83.4	12.8	76.8	13.6	69.8	13.6
Vermont .....	100.0	77.9	100.0	74.5	100.0	68.9	100.0	67.3
Virginia .....	65.7	NA	57.8	NA	50.1	13.3	53.3	11.1
Washington .....	89.3	31.1	84.4	25.0	80.3	24.2	80.7	20.3
West Virginia .....	56.3	7.0	86.0	5.6	34.4	8.7	31.7	7.0
Wisconsin .....	71.7	22.6	62.4	19.0	47.0	13.3	49.3	14.5
Wyoming .....	49.7	1.2	55.7	1.7	51.8	1.5	60.7	1.5
<b>Total .....</b>	<b><sup>R</sup>78.0</b>	<b><sup>R</sup>19.4</b>	<b><sup>R</sup>73.2</b>	<b><sup>R</sup>19.1</b>	<b><sup>R</sup>68.8</b>	<b><sup>R</sup>19.9</b>	<b><sup>R</sup>69.7</b>	<b>19.4</b>

See footnotes at end of table.



**Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued**

State	2002							
	July		June		May		April	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	70.5	16.2	72.2	15.2	72.0	14.2	78.1	15.7
Alaska .....	57.4	79.3	70.7	79.4	<sup>R</sup> 47.6	81.3	61.6	99.4
Arizona .....	89.2	39.9	89.6	45.9	90.3	45.6	92.1	51.3
Arkansas .....	61.2	5.0	74.8	3.7	70.0	4.0	83.0	4.8
California .....	61.8	4.4	64.2	4.6	64.5	6.4	68.0	4.9
Colorado .....	99.7	NA	99.5	NA	99.6	NA	NA	NA
Connecticut .....	77.1	33.8	73.8	46.2	71.2	48.8	61.2	NA
Delaware .....	71.2	8.0	74.4	<sup>R</sup> 11.1	79.1	<sup>R</sup> 15.8	83.8	<sup>R</sup> 12.5
District of Columbia .....	17.6	—	19.9	—	20.8	—	21.6	—
Florida .....	36.2	1.3	38.2	1.7	39.2	1.4	40.4	1.4
Georgia .....	100.0	4.9	100.0	5.4	100.0	5.0	100.0	5.5
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	79.5	NA	76.2	1.9	79.0	0.9	73.2	2.4
Illinois .....	28.7	NA	27.3	6.8	34.6	7.2	37.9	9.8
Indiana .....	62.0	4.7	68.6	5.5	81.5	4.7	75.9	5.7
Iowa .....	64.3	4.7	67.3	4.7	77.1	4.3	83.2	5.3
Kansas .....	46.3	13.8	51.1	9.5	53.6	7.3	62.7	7.3
Kentucky .....	68.9	15.9	71.3	14.5	71.5	13.7	<sup>R</sup> 78.3	<sup>R</sup> 15.2
Louisiana .....	60.9	11.0	78.2	13.4	96.7	10.0	78.7	9.4
Maine .....	NA	100.0	37.8	100.0	NA	100.0	NA	100.0
Maryland .....	100.0	<sup>R</sup> 4.5	100.0	6.0	100.0	5.8	100.0	5.3
Massachusetts .....	40.3	18.4	34.3	16.5	39.1	21.1	46.7	24.5
Michigan .....	45.1	NA	54.5	5.6	58.1	8.0	65.5	11.1
Minnesota .....	82.8	NA	86.4	23.6	91.8	41.5	84.2	30.7
Mississippi .....	96.6	23.8	96.0	25.9	95.8	<sup>R</sup> 23.6	95.0	<sup>R</sup> 26.7
Missouri .....	67.5	8.3	70.1	8.8	53.9	9.1	82.2	14.1
Montana .....	66.8	0.9	66.0	1.3	69.8	2.1	73.2	NA
Nebraska .....	61.0	6.2	51.2	20.6	50.1	12.7	51.5	15.0
Nevada .....	63.4	18.6	84.5	41.8	84.5	46.0	86.0	39.6
New Hampshire .....	54.6	NA	77.4	51.9	78.1	38.7	80.4	NA
New Jersey .....	29.1	16.7	36.9	17.6	29.3	18.0	49.7	20.7
New Mexico .....	60.0	17.4	61.4	16.6	50.5	14.9	54.0	11.9
New York .....	100.0	13.8	100.0	8.2	100.0	10.7	100.0	9.8
North Carolina .....	86.6	44.4	89.1	43.3	87.0	44.5	89.7	39.3
North Dakota .....	80.6	7.7	81.8	7.3	52.1	10.9	91.9	14.8
Ohio .....	100.0	0.9	100.0	1.0	100.0	1.1	100.0	2.7
Oklahoma .....	56.3	<sup>R</sup> 1.4	59.0	1.8	58.6	2.2	70.9	3.1
Oregon .....	97.4	9.8	97.9	10.8	98.4	12.3	98.5	18.9
Pennsylvania .....	100.0	3.9	100.0	4.5	100.0	4.7	100.0	4.8
Rhode Island .....	<sup>R</sup> 36.3	61.9	<sup>R</sup> 48.9	82.2	<sup>R</sup> 49.4	55.4	<sup>R</sup> 55.9	67.9
South Carolina .....	99.0	86.6	98.6	82.4	100.0	86.4	99.7	83.6
South Dakota .....	68.7	<sup>R</sup> 32.3	74.0	<sup>R</sup> 35.3	80.0	<sup>R</sup> 42.8	85.3	<sup>R</sup> 50.6
Tennessee .....	73.2	19.5	79.7	20.0	85.1	22.6	91.4	21.2
Texas .....	<sup>R</sup> 79.0	47.7	<sup>R</sup> 79.7	48.3	<sup>R</sup> 79.7	43.6	<sup>R</sup> 78.4	48.9
Utah .....	69.4	12.1	73.3	13.4	72.9	13.1	78.5	15.8
Vermont .....	100.0	68.8	100.0	68.9	100.0	74.5	100.0	79.8
Virginia .....	52.2	10.8	51.6	9.8	58.7	14.2	58.9	14.2
Washington .....	83.1	27.0	90.4	24.0	92.4	29.5	92.5	32.2
West Virginia .....	26.6	7.9	33.0	6.5	39.5	6.7	60.8	8.1
Wisconsin .....	51.4	11.1	60.2	13.3	69.1	16.9	74.9	19.2
Wyoming .....	30.5	1.4	91.7	1.3	96.1	2.0	92.1	1.6
<b>Total .....</b>	<b><sup>R</sup>70.9</b>	<b>21.0</b>	<b><sup>R</sup>72.5</b>	<b>22.8</b>	<b><sup>R</sup>72.3</b>	<b><sup>R</sup>21.1</b>	<b><sup>R</sup>76.1</b>	<b>23.2</b>

See footnotes at end of table.

**Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued**

State	2002						2001	
	March		February		January		Total	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama .....	81.8	17.7	80.9	17.5	76.0	19.0	82.5	22.2
Alaska .....	61.5	99.2	58.9	99.2	59.8	99.3	60.5	96.2
Arizona .....	93.2	NA	94.6	55.2	95.7	56.1	92.6	46.4
Arkansas .....	86.4	6.2	88.9	5.8	87.5	5.8	87.0	6.0
California .....	72.1	5.9	69.0	6.3	69.2	5.3	62.6	9.1
Colorado .....	99.5	NA	99.2	NA	88.6	NA	95.6	2.5
Connecticut .....	85.2	NA	NA	NA	72.0	42.5	77.5	53.2
Delaware .....	86.6	<sup>R</sup> 14.8	87.2	<sup>R</sup> 14.1	88.5	12.6	98.3	16.1
District of Columbia .....	22.6	—	23.8	—	23.8	—	22.4	—
Florida .....	43.7	1.6	44.6	2.5	47.7	1.6	56.6	3.8
Georgia .....	100.0	6.1	100.0	5.9	100.0	5.7	20.0	19.9
Hawaii .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho .....	75.6	2.6	78.6	2.8	79.9	2.6	86.3	2.2
Illinois .....	41.0	10.6	43.1	10.7	41.3	<sup>R</sup> 10.7	41.1	9.9
Indiana .....	78.9	9.0	76.2	7.2	76.9	7.5	77.1	7.7
Iowa .....	80.7	7.2	82.4	4.6	79.6	7.5	82.0	7.4
Kansas .....	63.1	3.7	64.0	2.9	60.9	2.8	62.1	9.3
Kentucky .....	<sup>R</sup> 74.3	<sup>R</sup> 16.7	<sup>R</sup> 81.5	<sup>R</sup> 16.1	81.9	<sup>R</sup> 14.8	81.8	18.7
Louisiana .....	72.7	8.6	71.4	9.1	68.6	8.5	82.3	8.3
Maine .....	50.2	100.0	53.3	NA	57.4	100.0	100.0	8.1
Maryland .....	100.0	13.0	100.0	11.3	100.0	10.3	32.6	8.5
Massachusetts .....	56.4	23.7	50.2	28.7	55.3	28.4	62.1	26.3
Michigan .....	76.1	13.7	68.7	12.9	68.5	14.0	63.5	11.2
Minnesota .....	NA	36.1	90.8	16.0	93.2	21.3	98.3	41.9
Mississippi .....	97.2	<sup>R</sup> 27.1	97.4	<sup>R</sup> 29.4	97.2	<sup>R</sup> 27.2	95.7	28.8
Missouri .....	85.8	24.4	80.4	24.4	84.5	19.6	80.8	16.5
Montana .....	81.8	3.7	73.6	3.0	74.6	3.1	76.1	2.2
Nebraska .....	58.7	25.4	57.5	16.6	75.0	19.4	63.7	18.0
Nevada .....	87.3	60.8	88.7	46.1	88.0	60.0	73.9	33.3
New Hampshire .....	85.4	NA	73.6	NA	83.4	32.1	86.6	13.0
New Jersey .....	<sup>R</sup> 58.5	22.6	55.3	21.4	59.7	22.7	59.1	21.6
New Mexico .....	63.7	8.8	75.9	4.9	76.7	4.3	68.2	14.6
New York .....	100.0	8.5	100.0	9.1	100.0	8.9	45.7	10.8
North Carolina .....	90.6	27.1	91.6	25.1	92.7	29.9	94.0	30.5
North Dakota .....	NA	18.1	92.8	15.4	93.3	14.4	90.1	9.8
Ohio .....	100.0	3.1	100.0	3.5	100.0	3.0	41.8	6.4
Oklahoma .....	77.8	4.6	74.5	5.4	NA	4.9	71.3	3.1
Oregon .....	98.9	19.9	98.9	20.4	83.7	18.5	99.3	21.5
Pennsylvania .....	100.0	5.7	100.0	6.8	100.0	7.2	63.0	9.9
Rhode Island .....	<sup>R</sup> 56.9	62.9	<sup>R</sup> 59.8	48.3	<sup>R</sup> 52.6	53.4	58.0	27.3
South Carolina .....	97.0	79.8	97.2	82.7	98.4	85.7	97.5	82.1
South Dakota .....	89.3	<sup>R</sup> 40.9	85.3	50.0	NA	46.3	84.2	42.1
Tennessee .....	91.9	28.7	93.7	24.4	88.5	24.2	93.6	36.2
Texas .....	<sup>R</sup> 83.9	30.0	<sup>R</sup> 87.9	31.2	<sup>R</sup> 83.2	29.3	85.3	28.7
Utah .....	90.3	12.7	87.1	13.9	87.3	14.0	84.4	10.4
Vermont .....	100.0	80.2	100.0	79.9	100.0	79.3	100.0	75.4
Virginia .....	61.8	18.5	66.0	19.8	64.4	16.7	65.8	17.3
Washington .....	93.5	28.9	93.6	28.1	73.2	25.4	94.0	37.8
West Virginia .....	63.0	6.2	66.2	6.7	65.9	7.1	63.9	16.6
Wisconsin .....	78.9	23.6	78.5	21.5	78.4	23.2	77.3	19.2
Wyoming .....	89.4	1.9	93.4	2.0	80.2	1.8	86.5	2.5
<b>Total .....</b>	<b><sup>R</sup>80.2</b>	<b>17.7</b>	<b><sup>R</sup>79.9</b>	<b>17.9</b>	<b><sup>R</sup>78.7</b>	<b>17.4</b>	<b>65.8</b>	<b>19.3</b>

<sup>R</sup> Revised Data.

NA Not Available.

— Not Applicable.

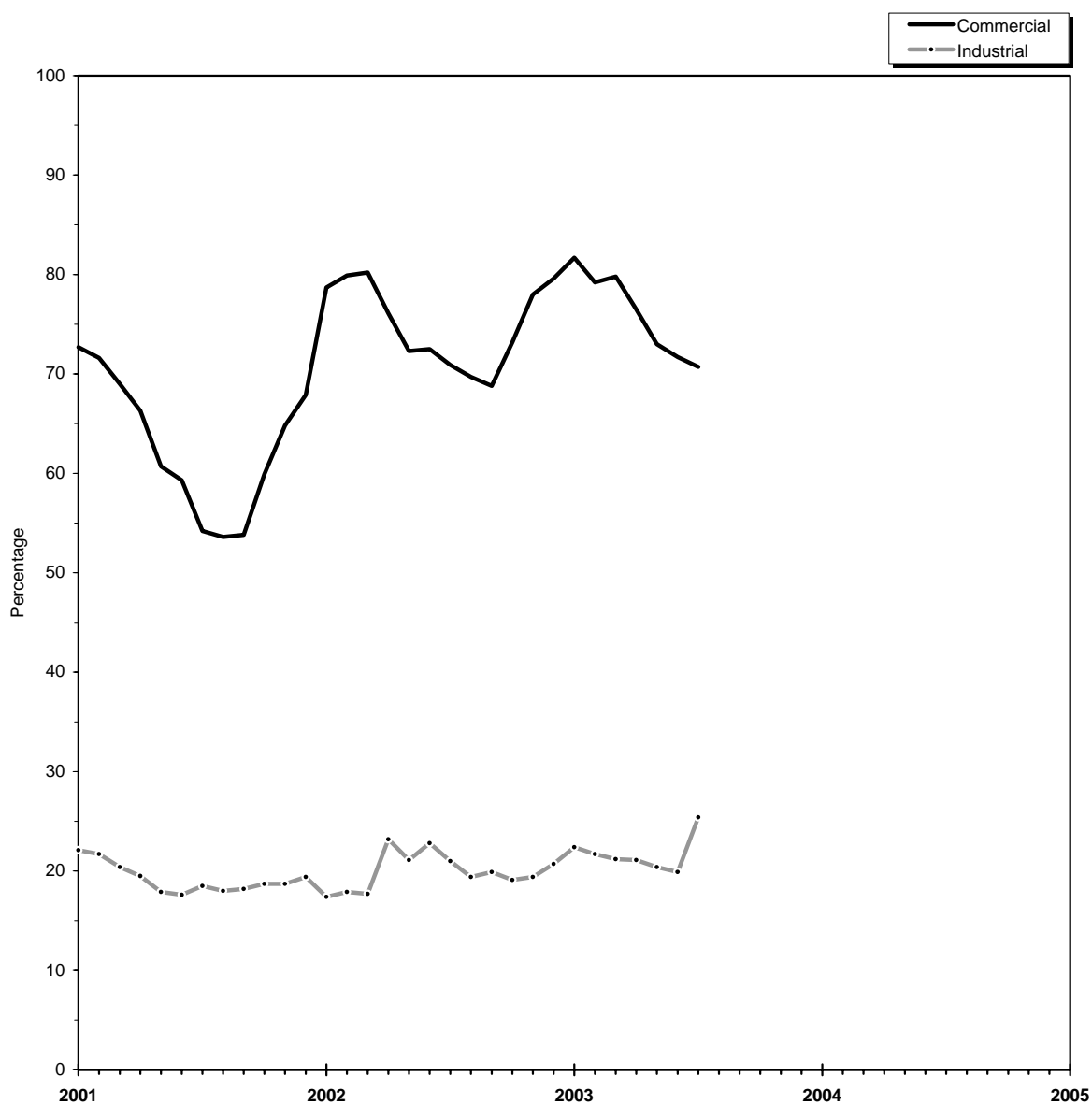
**Notes:** Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating

commercial and industrial price data which are based on sales data only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Figure 6

Figure 6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2001-2003



Source: Table 25.

# Appendix A

## Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (NGM). The information in this Appendix is provided to assist users in understanding the monthly data. Table A1 lists the methodologies for deriving the data to be published for the most recent months shown in Tables 1-3. The following explanatory notes describe sources for all NGM tables.

### Note 1. Production

#### Annual Data

Natural gas production data are collected from 32 gas-producing States on the voluntary Form EIA-895 "Monthly Quantity and Value of Natural Gas Report." The form requests data on gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon

**Table A1. Methodology for Most Recent Monthly Natural Gas Supply and Disposition Data of Table 1-3**

Components	Reporting Methodology
<b>Supply and Disposition</b>	
Marketed Production	Derived from the Short-Term Energy Outlook
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Estimated from National Energy Board of Canada information and liquefied natural gas information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from industry trends and liquefied natural gas information
Current-Month Consumption	Reported on Form EIA-857, Form EIA-906, and other sources below.
<b>Consumption by Sector</b>	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from Deliveries to Consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric Power	Estimated from sample data reported on Form EIA-906
Vehicle Fuel	Derived from annual estimates provided by the Coal, Nuclear and Renewable Fuels Division of EIA

gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production from the federal waters of the Gulf of Mexico.

### *Monthly Data*

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the monthly estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* (NGA) for the year in which the report month falls. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated. Final monthly data are the sums of monthly data reported on the Form EIA-895 annual schedule.

## **Note 2. Nonhydrocarbon Gases Removed**

### *Annual Data*

Data on nonhydrocarbon gases removed from marketed production—carbon dioxide, helium, hydrogen sulfide, and nitrogen—are reported by State agencies on Form EIA-895. Ten of the 32 producing States reported data on nonhydrocarbon gases removed during 2001. These 10 States accounted for 59 percent of total 2001 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

### *Monthly Data*

All monthly data are considered preliminary until after publication of the NGA for the year in which the

report month falls. Monthly State estimates of nonhydrocarbon gases removed are prepared by EIA based on annual data reported on Form EIA-895, if necessary. Each State's annual percentage of nonhydrocarbon gases removed to gross withdrawals reported is applied to the States monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by allocating the final annual volume to the months in the same proportion as the preliminary monthly data.

## **Note 3. Extraction Loss**

### *Annual Data*

Extraction loss data are calculated from data reported on Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production". For a fuller discussion, see the NGA.

### *Monthly Data*

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Monthly data are revised after the publication of the NGA. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

## **Note 4. Supplemental Gaseous Fuels**

### *Annual Data*

Annual data on supplemental gas fuel supply are reported on Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition."

### *Monthly Data*

All monthly data are considered preliminary until after the publication of the NGA for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Monthly data are revised after publication of the NGA. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to

the sum of dry gas production, net imports, and net withdrawals from storage. This revised ratio is applied to the revised monthly sum of these three supply elements to compute final monthly data.

## Note 5. Imports and Exports

### *Annual Data and Final Monthly Data*

Annual and final monthly data are supplied by the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", which requires monthly data to be reported each quarter for the calendar year.

### *Monthly Data - Imports*

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the NGA.

### *Monthly Data - Exports*

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of the NGA.

## Note 6. Natural Gas Storage

Note that final monthly and annual storage levels, additions, and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage.

### *Annual Data*

Preliminary annual data on additions and withdrawals from underground storage facilities are the sum of the monthly data from the EIA-191. Final annual data are adjusted to data in the EIA-176.

Annual data on LNG additions and withdrawals are from the EIA-176.

### *Monthly Data*

Preliminary and final monthly data on underground storage levels, additions, and withdrawals are from the EIA-191. All operators of underground storage fields complete the survey.

Estimates of monthly LNG additions and withdrawals are calculated by applying the proportion of each

month's net injections to underground storage during the injection season to annual LNG additions and the proportion of each month's net withdrawals from underground storage during the withdrawal season to annual LNG withdrawals.

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

## Note 7. Consumption

### *Annual Data*

All annual data are from the NGA. Total consumption is the sum of the components of consumption listed below. Monthly data are revised after publication of the NGA.

### *Monthly Data*

All monthly data are considered preliminary until after publication of the NGA.

### *Residential, Commercial, and Industrial Sector Consumption*

Preliminary estimates of monthly deliveries of natural gas to residential, commercial, and industrial consumers in 50 States are based on data reported on Form EIA-857 "Monthly Report of Natural Gas Purchases and Deliveries." See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures. Monthly data for a given year are revised after the publication of the NGA to correct for any sampling error. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

## Vehicle Fuel Use

Monthly estimates of natural gas (compressed or liquefied) used as vehicle fuel are derived from an annual estimate of vehicle fuel use provided by the Coal, Nuclear, and Renewable Fuels Division of EIA.

## Electric Power Sector Consumption

Monthly estimates of deliveries of natural gas to electric power producers are derived from data submitted by the sample of electric power producers reporting monthly on Form EIA-906, "Power Plant Report." The estimates reported in the NGM represent gas delivered to electricity-only plants (utility and nonutility power producers) and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. For a discussion of these estimates, see the *Electric Power Monthly*.

## Pipeline Fuel Consumption

Preliminary monthly estimates are based on the pipeline fuel consumption as an annual percentage of total consumption from the previous years Form EIA-176. This percentage is applied to each months total consumption figure to compute the monthly estimate.

Monthly data are revised after the publication of the NGA. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each months revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

## Lease and Plant Fuel Consumption

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each months marketed production figure to compute estimated lease and plant fuel consumption.

Monthly data are revised after publication of the NGA. Final monthly plant fuel data are based on a revised annual ratio of plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each months revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-895 and estimates from the Form EIA-176. See the NGA for a complete discussion of this process.

## Note 8. Balancing Item

The balancing item category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting problems or to issues in survey coverage. Preliminary monthly data in the balancing item category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total disposition. The balancing item may reflect problems in any of the surveys comprising natural gas supply or disposition.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. Survey coverage problems include incomplete survey frames or problems in sampling design.

Annual data are from the NGA. For an explanation of the methodology used in calculating the annual balancing item, see the NGA.

## Note 9. Average Price of Deliveries to Consumers

For most States, price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers by local distribution companies. In the States of Georgia, Maryland, New York, Ohio, and Pennsylvania, the residential and commercial sector prices reported in the NGM include data on prices of gas sold to customers in those sectors by energy marketers. These latter data are collected on Form EIA-910, "Monthly Natural Gas Marketer Survey." Except for these States, none of the prices reflect average prices of natural gas transported to consumers for the account of third parties or Aspot-market@ prices. Table 25 indicates the percentage of total deliveries included in commercial and industrial price estimates.

Prices of natural gas delivered to electric utilities are derived from data reported on Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" as reported in the *Electric Power Monthly*. Data on the price of natural gas delivered to other electric power producers are not available.

## Note 10. Average Wellhead Price

### *Annual Data*

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available aggregate value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States that were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed average value of marketed production in each State is calculated by dividing the States reported aggregate value by its associated production. This unit price is then applied to the quantity of the States marketed production to derive the imputed aggregate value of marketed production.

### *Monthly Data*

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures final settlement price for near-month delivery at the Henry Hub, and reported cash market prices at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is publicly available and is reported in numerous trade publications, including NGI's Daily Gas Price Index (published by Intelligence Press, Inc.). The cash market prices are published in another trade publication, Natural Gas Week (Energy Intelligence Group, Inc.), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs.

Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through 2000. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final monthly data are provided through the Form EIA-895, which requests State agencies to report monthly values of marketed production. Details of the monthly collection match those described in the preceding section on annual data. Preliminary monthly gas price data are replaced by these final monthly data.

## Note 11. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published in the NGM, is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the Country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.



# Appendix B

## Data Sources

The data in this publication are taken from survey reports collected by the Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and the Office of Fossil Energy of the U.S. Department of Energy (DOE). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The Office of Fossil Energy has the authority under Section 3 of the Natural Gas Act of 1938 to grant authorizations for the import and export of natural gas.

Data are collected from annual, quarterly, and monthly surveys. The primary annual report is the Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition," a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines. The Office of Fossil Energy provides quarterly files of monthly data on imports and exports. The monthly reports include surveys of the natural gas industry, surveys of the electric power industry, and a voluntary survey completed by energy or conservation agencies in the gas-producing States. The monthly natural gas industry surveys are the Form EIA-191 filed by companies that operate underground storage facilities, the voluntary Form EIA-895 filed by the gas-producing States and the U.S. Minerals Management Service, the Form EIA-857, filed by a sample of companies that deliver natural gas to consumers, and the Form EIA-910, filed by natural gas marketers in select States. The electric power industry surveys are the Form EIA-906 filed by a sample of electric power generators and the Form FERC-423 filed (for price data) by fossil-fueled electric utilities. Responses to the monthly surveys are mandatory, except for Form EIA-895. A description of the survey respondents, reporting requirements, and processing of the data is given on the following pages for each of the surveys. Copies of the forms and instructions are available on the EIA website.

### Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a State border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 2002 for report year 2001 totaled approximately 2000 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

The EIA-176 is a multi-line, multi-page schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Data from Form EIA-176 are also published in the *Natural Gas Annual*. Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

## Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report"

Data collection on the Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the Interstate Oil and Gas Compact Commission (IOGCC) voluntary form, "Monthly Report of Natural Gas Production." All gas-producing States and the U.S. Minerals Management Service are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace a prior annual production form. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Form EIA-895 is mailed to energy or conservation agencies in all 32 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. Reports on company production are due 20 days after the end of the report month to the States. (In most cases, the data are not available to the States until after this time period.) Therefore, States are requested to send the report within 80 days after the end of the report month. Monthly data are obtained from about half of the reporting States and MMS on this schedule. EIA prepares estimates for the remaining States based on annual data submissions from the States until monthly State data are provided. The annual schedule of the Form EIA-895 is due with the December data report. Of the 32 natural gas producing states, all participated in the annual EIA-895 survey by filing the completed form or by responding to telephone calls.

The Form EIA-895 is a three-page form collecting monthly and annual data on elements of the production of natural gas beginning with gross withdrawals from gas and oil wells. Starting in 2003, the Form EIA-895 also collects information about production of coalbed methane. The commercial recovery of methane from coalbeds contributes a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (113,527), Colorado (386,349), New Mexico (532,081), and Wyoming (253,305) for 2001.

Data are also collected on volumes returned to formation for repressuring, pressure maintenance,

and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production as well as the monthly volume and value of marketed production. The annual schedule collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Respondents are asked to report all volumes in thousand cubic feet at the States standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Data on the quantities of nonhydrocarbon gases removed from marketed production in 2001, including carbon dioxide, helium, hydrogen sulfide and nitrogen, were reported by the appropriate agencies of 10 of the 32 producing States. These 10 States accounted for 59 percent of total 2001 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the months estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

Data from Form EIA-895 are also published in the *EIA Natural Gas Annual*.

## Form EIA-191, “Underground Natural Gas Storage Report”

The Form EIA-191, “Monthly Underground Natural Gas Storage Report,” is completed by approximately 122 companies that operate underground facilities. The final monthly and annual response rates are 100 percent. The EIA-191 monthly schedule contains current month data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule for the prior year is filed with the January submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the last day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are submitted on separate forms for each month. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

The EIA publications, *Monthly Energy Review* and *Winter Fuels Report*, contain data from the EIA-191 survey.

## “Quarterly Natural Gas Import and Export Sales and Price Report”

Beginning in 1995, import and export data have been taken from the “Quarterly Natural Gas Import and Export Sales and Price Report.” This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas. The Office of Fossil Energy provides authorizations for import or export to applicants under Section 3 of the Natural Gas Act of 1938.

All companies are required, as a condition of their authorizations to file quarterly reports with the Office of Fossil Energy. The data are reported at a monthly level of detail.

## Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers”

Monthly price and volume data on gas deliveries are collected on the Form EIA-857 from a sample of respondents representing the 50 States and the District of Columbia. Response to Form EIA-857 is mandatory and data are considered proprietary. Completed forms are required to be submitted to EIA on or before the 30th day after the end of the report month.

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 monthly. Each month about half the responses are received by the due date although response rates by first publication of the relevant month are approximately 87 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company’s submission is eventually received, the submitted data are used for future processing and revisions. Final response rates are approximately 95 percent.

Form EIA-857 data are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries of natural gas to electric power generators are reported on the Form EIA-906 “Power Plant Report,” and monthly prices for electric utilities are obtained from FERC-423, “Monthly Report of Cost and Quality of Fuels for Electric Plants.”) See Appendix C for a discussion of the sample design and estimation procedures. Data from Form EIA-857 are also used to calculate the city gate price and the average heat content of all gas consumed.

**Form EIA-910, “Monthly Natural Gas Marketer Survey”**

The Form EIA-910, “Monthly Natural Gas Marketer Survey” collects information on natural gas sales from marketers in selected States (Georgia, Maryland, New York, Ohio and Pennsylvania) that have active customer choice programs. These States were selected based on the percentage of natural gas sold by marketers in the residential and commercial end-use sectors. The survey collects monthly price and volume data on natural gas sold by all marketers in the selected States. A natural gas marketer is a company that competes with other companies to sell natural gas service, but relies on regulated local distribution companies to deliver the gas. The data

collected on the Form EIA-910 is integrated with residential and commercial price data from the Form EIA-857 for the States of Georgia, Maryland, New York, Ohio, and Pennsylvania. Response to the EIA-910 is mandatory and data are considered proprietary.

Approximately 150 natural gas marketers report to the survey. Final monthly survey response rates are approximately 98 percent. Responses are filed with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported as whole dollar.

# Appendix C

## Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Monthly prices in select states (currently Georgia, Maryland, New York and Ohio) are supplemented with data from the Form EIA-910 "Monthly Natural Gas Marketer Survey". (See Appendix B for a description of these Forms.) Form EIA-857 is a sample survey. These estimations must be made from the reported data since the. A description of the sample design and the estimation procedures is given below.

### Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to the electric power sector are reported on the Form EIA-906, "Power Plant Report, and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

**Sample Universe.** The sample currently in use was selected from a universe of 1,556 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2001 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

**Sampling Plan.** The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed.

The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2001. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 405 respondent companies.

**Certainty Stratum.** Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 16 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 16 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector  $j$  greater than the cut-off value ( $C_j$ ) were included in the certainty stratum. The formula for  $C_j$  was:

$$C_j = \frac{X_{.j}}{2n} \quad (1)$$

where:

$C_{.j}$  = cutoff value for consumer sector j,

$n$  = target sample size to be selected for the State, 25 percent of the companies in the State,

$X_{ij}$  = the annual volume of natural gas deliveries by company i to customers in consumer sector j,

$X_{i.}$  = the sum within State of annual gas volumes for company i,

$X_{.j}$  = the sum within State of annual gas volumes in consumer sector j,

$X_{..}$  = the sum within State of annual gas volumes in all consumer sectors.

**Noncertainty Stratum.** All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors ( $X_{i.}$ ). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n \frac{X_2}{X_{..}} \quad (2)$$

where:

$m$  = the sample size for the noncertainty stratum within a State,

$X_2$  = the sum within State of the  $X_{i.}$  for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and  $\left(I = \frac{X_2}{m}\right)I$ . The first sampled company was

the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than  $R + I$ .  $R + I$

was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

**Subgroups.** In four States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that  $X_2$  was the sum within State of the  $X_{i.}$  for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

## Estimation Procedures

**Estimates of Volumes.** A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector — residential, commercial, and industrial — in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator ( $E_{vj}$ ) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_{.j}}{\gamma'_{.j}} \quad (3)$$

where:

$\gamma_j$  = the sum within State of annual gas volumes in consumer sector j for all companies,

$\gamma'_j$  = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{vj} = y_{.j} \times E_{vj} \quad (4)$$

where:

$V_j$  = the State estimate of monthly gas volumes in consumer sector  $j$ ,

$y_j$  = the sum within State of reported monthly gas volumes in consumer sector  $j$ .

**Computation of Natural Gas Prices.** The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales by natural gas companies except as explained below.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j} \quad (5)$$

where:

$P_j$  = the average price for gas sales within the State in consumer sector  $j$ ,

$R_j$  = the reported revenue from natural gas sales within the State in consumer sector  $j$ ,

$V_j$  = the reported volume of natural gas sales within the State in consumer sector  $j$ .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas to residential and commercial consumers in Georgia, Maryland, New York, Ohio and Pennsylvania are monthly average prices of natural gas are based on total sales (sales by local distribution companies and natural gas marketers). Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices except in these states.

The price of natural gas in the residential and commercial sectors in Georgia, Maryland, New York, Ohio and Pennsylvania is calculated as follows:

$$P_c = \left[ \left( \frac{R_s}{V_s} \right) * \left( \frac{V_s}{V_s + V_t} \right) \right] + \left[ \left( \frac{Rm_s}{Vm_s} \right) * \left( \frac{V_t}{V_s + V_t} \right) \right] \quad (6)$$

$P_c$  = the combined average price for gas sales by local distribution companies and marketers within the State in sector  $s$  (residential or commercial)

$R_s$  = the reported revenue from natural gas sales by local distribution companies within the State in  $s$  (residential or commercial)

$V_s$  = the reported volume of natural gas sales by local distribution companies within the State in  $s$  (residential or commercial)

$V_t$  = the reported volume of natural gas transported by local distribution companies for marketers within the State in  $s$  (residential or commercial)

$Rm_s$  = the reported revenue from natural gas sales by marketers within the State in  $s$  (residential or commercial)

$Vm_s$  = the reported volume of natural gas sales by a marketer within the State in  $s$  (residential or commercial)

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. All natural gas prices to the residential sector represent onsystem sales volumes only except in Georgia, Maryland, New York, Ohio and Pennsylvania.

See the section on consumer price calculations in this Appendix for further price information.

**Estimation for Nonrespondents.** A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas volumes for nonrespondents was:

$$F_t = F_{t-1} \times \frac{y_{jt}}{y_{jt-1}} \quad (7)$$

where:

$F_t$  = imputed gas volume for current month  $t$ ,

$F_{t-1}$  = gas volume for the company for the previous month,

$y_{jt}$  = gas volume reported by companies in the State stratum for report month  $t$ ,

$y_{jt-1}$  = gas volume in the previous month for companies in the State stratum that reported in month t.

## Final Revisions

**Adjusting Monthly Data to Annual Data.** After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly (NGM)* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *NGM*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V_{jm}^* = V_{jm} + \left[ (V_{ja} - V_{jm}') \left( \frac{V_{jm}}{V_{jm}'} \right) \right] \quad (8)$$

where:

$V_{jm}^*$  = the final volume estimate for month m in consumer sector j,

$V_{jm}$  = the estimated volume for month m in consumer sector j,

$V_{ja}$  = the volume for the year reported on Form EIA-176,

$V_{jm}'$  = the annual sum of estimated monthly volumes

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R_{jm}^* = R_{jm} + \left[ (R_{ja} - R_{jm}') \left( \frac{R_{jm}}{R_{jm}'} \right) \right] \quad (9)$$

where:

$R_{jm}^*$  = the final revenue estimate for month m in consumer sector j,

$R_{jm}$  = the estimated revenue for month m in consumer sector j,

$R_{ja}$  = the revenue for the year reported on Form EIA-176,

$R_{jm}'$  = The annual sum of estimated monthly revenues.

**Revision of Volumes and Prices for Deliveries to Electric Power Sector.** Revisions to monthly deliveries to the electric power sector are published throughout the year as they become available.

## Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

**Standard Errors.** A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{\gamma}) = \sum_{h=1}^H \left[ N_h^2 \frac{\left( 1 - \frac{n_h}{N_h} \right)}{n_h(n_h - 1)} \left( \sum_{i=1}^{n_h} (y_i - T x_j)^2 \right) \right] \quad (10)$$



where:

$H$  = the total number of strata

$N_h$  = the total number of companies in stratum  $h$

$n_h$  = the sample size in stratum  $h$

$y_i$  = the reported monthly volume for company  $i$

$x_i$  = the reported annual volume for company  $i$

$T$  = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

**Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, July 2003**

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama .....	6,265	2,017	3,018	7,241	NA	NA	NA
Alaska .....	0	0	0	0	—	—	—
Arizona .....	9	33	0	34	0.37	0.12	—
Arkansas .....	0	10	5	11	0.02	0.01	0.01
California .....	265	95	5,561	5,568	0.08	0.07	1.12
Colorado .....	0	0	0	0	—	—	—
Connecticut .....	0	0	0	0	—	—	—
Delaware .....	0	0	0	0	—	—	—
District of Columbia .....	0	0	0	0	—	—	—
Florida .....	36	445	1,176	1,258	2.78	0.39	NA
Georgia .....	133	392	7,110	7,122	NA	NA	NA
Hawaii .....	0	0	0	0	—	—	—
Idaho .....	0	0	0	0	—	—	—
Illinois .....	332	231	236	469	0.10	0.20	0.20
Indiana .....	13	13	208	209	0.15	2.24	0.29
Iowa .....	6	19	14	24	0.19	0.02	0.40
Kansas .....	54	60	273	285	NA	0.85	0.99
Kentucky .....	114	234	2,600	2,613	1.30	1.17	3.25
Louisiana .....	37	10	3,577	3,577	0.95	0.17	0.02
Maine .....	0	0	0	0	—	—	—
Maryland .....	0	22	NA	NA	NA	0.09	1.21
Massachusetts .....	0	0	0	0	—	—	—
Michigan .....	0	0	0	0	—	—	—
Minnesota .....	8	188	373	418	0.14	0.14	0.12
Mississippi .....	0	0	0	0	—	—	—
Missouri .....	31	51	335	340	0.21	0.19	0.53
Montana .....	2	4	0	4	0.01	0.02	—
Nebraska .....	0	0	0	0	—	—	—
Nevada .....	0	0	0	0	—	—	—
New Hampshire .....	0	0	0	0	—	—	—
New Jersey .....	0	0	0	0	—	—	—
New Mexico .....	22	151	425	452	0.86	0.25	2.86
New York .....	87	305	1,129	1,173	0.49	0.07	0.12
North Carolina .....	0	0	0	0	—	—	—
North Dakota .....	0	0	0	0	—	—	—
Ohio .....	106	858	6,998	7,052	0.24	NA	NA
Oklahoma .....	20	33	332	334	0.35	0.76	5.18
Oregon .....	0	0	0	0	—	—	—
Pennsylvania .....	23	231	729	765	0.09	0.07	2.92
South Carolina .....	19	33	108	115	0.49	0.14	0.08
South Dakota .....	0	0	0	0	—	—	—
Tennessee .....	114	551	1,775	1,863	NA	NA	3.12
Texas .....	826	17,034	25,263	30,480	0.58	0.36	NA
Utah .....	0	0	0	0	—	—	—
Vermont .....	0	0	0	0	—	—	—
Virginia .....	18	343	242	420	0.12	0.07	0.10
Washington .....	NA	NA	NA	NA	NA	NA	NA
West Virginia .....	NA	NA	NA	NA	NA	NA	NA
Wisconsin .....	111	573	455	740	0.71	1.32	0.20
Wyoming .....	10	60	80	100	NA	0.81	0.78
<b>Total .....</b>	<b>6,341</b>	<b>17,216</b>	<b>28,367</b>	<b>33,783</b>	<b>0.17</b>	<b>0.21</b>	<b>0.93</b>

NA Not Available.  
— Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

# Appendix D

## Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: Annual:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Extraction Loss	1	Monthly: Annual:	EIA computations Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Javed Zaidi (202) 586-8695
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Javed Zaidi (202) 586-8695
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-910, "Monthly Natural Gas Marketer Survey"	Roy Kass (202) 586-4790
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	William Trapmann (202) 586-6408
Electric Utility	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202) 586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Office of Fossil Energy, U.S. Department Of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Underground Storage:	9,10,11, 12,13,14	Monthly:	Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Power, All Consumers	15 16 17 18 19	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-906, "Power Plant Report"	Roy Kass (202) 586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Utility Onsystem Sales	20 21 22 23 24 25	Monthly:  Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants" Form EIA-910, "Monthly Natural Gas Marketer Survey" Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790  Roy Kass (202) 586-4790
Heating Degree Days	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202) 586-6077
Highlights				Sheila Darnell (202) 586-6165

# Glossary

**Aquifer Storage Field:** A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

**Balancing Item:** Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting or survey coverage problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents. Survey problems include incomplete survey frames, problems in sampling design, or response problems.

**Base (Cushion) Gas:** The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

**British Thermal Unit (Btu):** The heat required to raise the temperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

**City-gate:** A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

**Commercial Consumption:** Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

**Depleted Storage Field:** A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

**Dry Natural Gas Production:** Marketed production less extraction loss.

**Electric Power Sector:** An energy-consuming sector that consists of electricity-only and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public – i.e., North American Industry Classification System 22 plants. Combined heat and power plants that identify themselves as primarily in the commercial or industrial sectors are reported in those sectors.

**Electric Power Consumption:** Gas used as fuel in the electric power sector.

**Electric Utility:** A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, “electric utility” currently has inconsistent interpretations from State to State.

**Exports:** Natural gas deliveries out of the continental United States and Alaska to foreign countries.

**Extraction Loss:** The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

**Flared:** The volume of gas burned in flares on the base site or at gas processing plants.

**Gas Condensate Well:** A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as “condensate.”

**Gas Well:** A well completed for the production of natural gas from one or more gas zones or reservoirs.

**Gross Withdrawals:** Full well stream volume, including all natural gas plant liquid and

nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

**Heating Value:** The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

**Imports:** Natural gas received in the Continental United States (including Alaska) from a foreign country.

**Industrial Consumption:** Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, fisheries and construction. .

**Intransit Deliveries:** Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

**Intransit Receipts:** Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

**Lease and Plant Fuel:** Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

**Liquefied Natural Gas (LNG):** Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

**Marketed Production:** Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

**Native Gas:** Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

**Natural Gas:** A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in

natural underground reservoirs at reservoir conditions.

**Nonhydrocarbon Gases:** Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

**Oil Well (Casinghead) Gas:** Associated and dissolved gas produced along with crude oil from oil completions.

**Onsystem Sales:** Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

**Pipeline Fuel:** Gas consumed in the operation of pipelines, primarily in compressors.

**Repressuring:** The injection of gas into oil or gas formations to effect greater ultimate recovery.

**Residential Consumption:** Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

**Salt Cavern Storage Field:** A storage facility that is a cavern hollowed out in either a salt bed or "dome" formation.

**Storage Additions:** The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

**Storage Withdrawals:** Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

**Supplemental Gaseous Fuels Supplies:** Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

**Synthetic Natural Gas (SNG):** A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

**Underground Gas Storage Reservoir Capacity:** Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

**Vehicle Fuel Consumption:** Natural gas (compressed or liquefied) used as vehicle fuel.

**Vented Gas:** Gas released into the air on the base site or at processing plants.

**Wellhead Price:** Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and/or similar charges.

**Working (Top Storage) Gas:** The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.